



GENERAL PRESENTATION, 2010

ENGLISH



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Company profile



- ❑ **1963** – Brothers, Emilio and Massimo Cattini, set-up F.lli Cattini s.n.c., a plastic moulding business.
- ❑ **1966** – F.lli Cattini s.n.c. is the first European company to mould Nylon reinforced with fibreglass (PA produced by LATI). Production focuses immediately on high technical levels.
- ❑ **1978** – The company inaugurates its own in-house workshop for producing moulds and for **servicing equipment. Having become even more efficient, the company is** therefore able to pursue the entire production process.
- ❑ **1985** – **The era of advanced technopolymers begins** (*capable of taking the place, in total safety, of traditional materials such as metal or ceramics*); from here, F.lli Cattini s.n.c. decides to **focus its efforts in this amazingly hi-tech market area, managing to consolidate its business**, thanks to important partnerships with manufacturers of prestigious Formula 1 racing cars.



Company profile



- ❑ **1996** – Following the outstanding experience passed down by the two founders, their sons and nephews take over the company; **Cattini S.r.l. gives way to a new organisational phase** to create a structure that is even more suitable for the new requirements of the market.
- ❑ **2000** – The company obtains the important **ISO 9001:1994 certification** from the TÜV certifying authority.
- ❑ **2004** –Cattini S.r.l. **updates its system to ISO 9001:2000**, through the TÜV Sud certifying authority.
- ❑ **2005** – The company renovates its production department **to produce smaller parts**, in **hi-tech** technopolymer and superpolymer material.



Company profile



- ❑ **2006** – The entire company evolves to satisfy increasingly stricter standards that regulate the **automotive** industry.

The company takes actions to obtain certification of the *Quality System pursuant to ISO 14001 and OHSAS 18001 standards.*

- ❑ **2007** – The company takes actions *to implement the Quality System within 2009 pursuant to ISO/TS 16949 standards.*

- ❑ **2008** – The company obtains the important **ISO 14001:2004** certification from TÜV.

- ❑ **2009** –Cattini S.r.l. **updates its system to ISO 9001:2008**, through the TÜV Sud certifying authority .



Mission



□ *MISSION STATEMENT*

Our mission is becoming an internationally appreciated enterprise in the production of parts or sub-assemblies obtained mainly with **high performance plastic materials**.

The industry to which we belong genetically is that of **precision mechanics** and the **automotive** industry in particular; we are driven by our sense of pertinence to a district that has always been known as the “Motor Valley”.

To achieve our goal we need to exploit the opportunities offered by innovative organisational instruments (Problem Solving, Direct Costing, SPC techniques, Lean Productions, PFMEA analyses, etc...) and apply them with determination.



Mission



□ VISION STATEMENT

Our Vision is our commitment to continue to build a solid future for our organisation, convinced that it is still possible to create and maintain **qualified job opportunities** in our district, which has always made its mark with “state of the art” fulfilments in both the gastronomic and industrial areas. Amongst the points of international excellence, obtained **thanks to commitments in researching perfection in every single detail**, we can mention *Parmigiano Reggiano®* and the *Traditional Balsamic Vinegar of Reggio Emilia and of Modena*, which in the gastronomic field have left important traces, even way back since 1000 d.c. The mechanical tradition of our district dates back to 1493, when the “Most Serene Republic of Venice” commissioned the famous clockmaker from Reggio Emilia, *Gian Carlo Rainieri*, with the mechanism of the **Mori’s Clock in S. Mark’s square**. At the beginning of the XX century, *O.M.I. REGGIANE* became famous for its renowned fulfilments in the **railway and aeronautics industries**, contributing in forming skills that lead to the establishment of major car manufacturers, of which the most famous are *Maserati, Ferrari, Lamborghini and Ducati*.



Mission



□ **BUSINESS VALUES**

What's most important for our company is to produce quality. We consequently work with a sense of responsibility and determination in achieving the result, sustaining the just spirit of observation that implements abilities of researching the causes and the effects of critical events, always maintaining correct and coherent behaviour with all those with whom we work.



Activities



Design



Equipment manufacturing



Sampling



Production



Quality

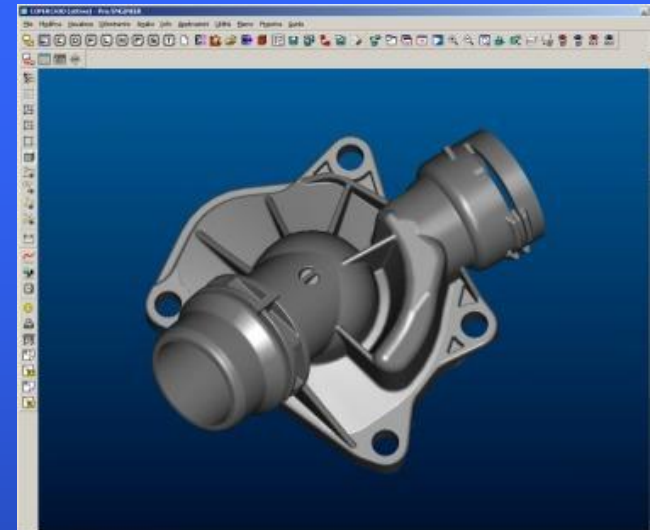


Design



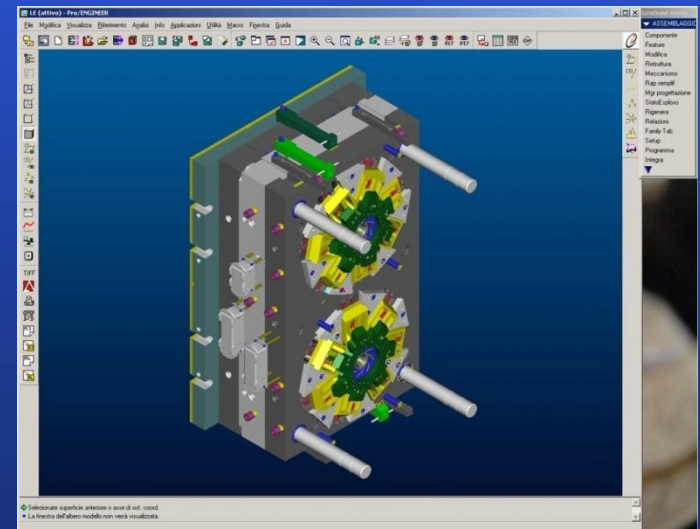
❑ **Product Engineering**

The customer's original model is elaborated to optimise it for the chosen plastic material and production process. All this is done in collaboration with the actual customer and the in-house production departments.



❑ **Mould design and fulfilment**

Following the Product Engineering phase comes the design of the mould and any auxiliary equipment that will be used to fulfil and control the product requested.



Equipment manufacturing



❑ *Moulds for injection moulding*

The moulds are built both in-house and out-of-house. *In-house*; in the case of short delivery times or for prototype moulds.

Out-of-house; delivery dates permitting or when the mould dimensions and mechanical machining processes do not allow us to build them in-house with our own machines, in which case the supplier is assisted by our specialists and builds the equipment to our technical specifications.

❑ *Auxiliary equipment*

The following are needed in the production process:

- sonotrodes and laying devices for US welding
- equipment for mechanical tests
- automatic part handling equipment
- Quality control equipment.



Sampling



❑ *Sampling has the following objectives:*

- ✓ To make sure the mould, after being meticulously inspected, makes the part requested correctly, utilising specific devices to carry out the necessary dimensional tests, as well as Coordinate Measuring Machines, Vision Measuring Machines and traditional bench instruments.
- ✓ To define the process parameters for subsequent production; being able to rely on modern and constantly serviced machines, we are able to define the process capacities for new products, using Statistical Process Control techniques, thus guaranteeing constant quality standards for all subsequent supplies.
- ✓ To establish the technological limits of the production process.
- ✓ To qualify the product using appropriate measuring devices in order to obtain approval from the customer and to freeze the production process.

The entire sampling phase is supervised by qualified personnel in continuous collaboration with the customer; at the end of this phase, and providing it is passed, all the parameters required to prepare the Operational Instructions, which are indispensable to fulfil the subsequent production process, are recorded.

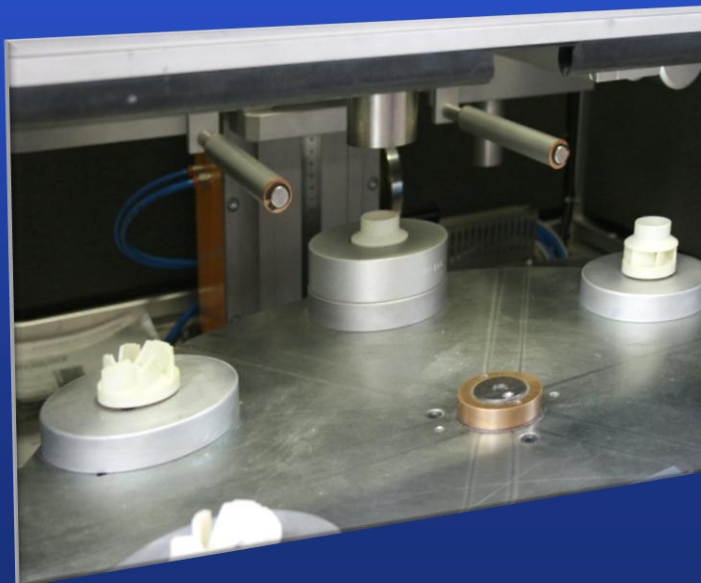


Production



❑ *Injection moulding:*

Injection moulding relies on modern and constantly serviced machines. The machines are complete with software programs that control process statistics (SPC), guaranteeing utmost process stability.



❑ *Assembly*

The company is structured to be able to assemble parts using various systems among which, US welding.

Quality



□ Testing

Our Quality Control department avails of traditional bench and modern measuring devices such as Coordinate Measuring Machines and Vision Measuring Machines. Thanks to these and to our specialised technicians we are able to verify the critical parameters of each part on a periodic basis. On request, we can carry out capacity surveys ($C_p - C_{pk}$) thanks to Statistical Process Control techniques used in the sampling phase.

We are also able to analyse, in-house, moisture (moisture analyser Sartorius MA100) and control the specific weight (electronic analytic weighing instrument Sartorius ME254 S) on both raw material and finished parts. If further surveys are required, we work with independent laboratories specialised in specific tests on plastic material such as DSC for example as well as viscosity measurements and TGA.



Quality & Environment

Quality Assurance

Our *Company Quality System* is currently approved by the TÜV Sud authority pursuant to **UNI EN ISO 9001 standards, edition 2008.**

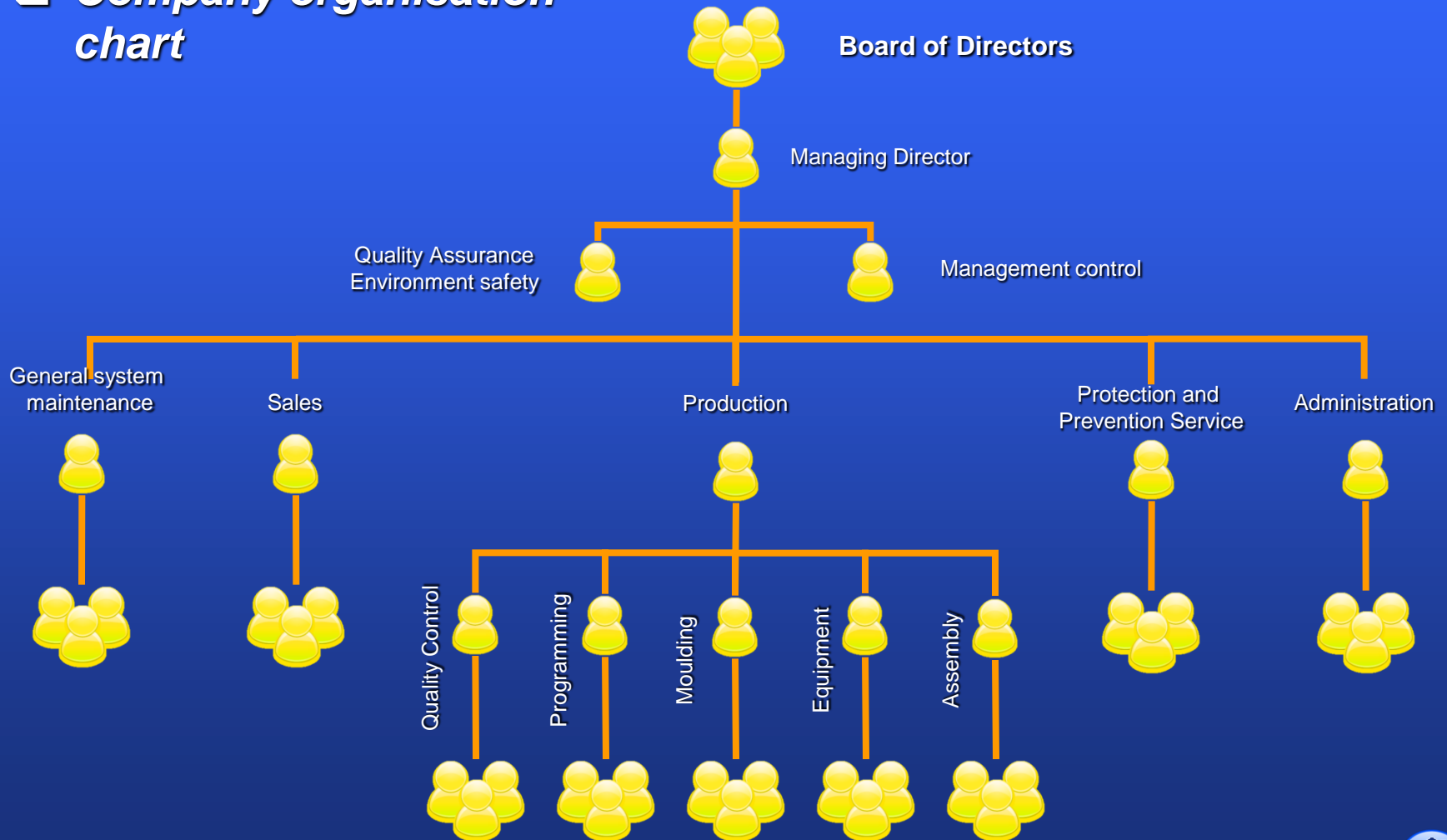


Environment

Our *Environment Management System* is currently approved by the TÜV Sud authority pursuant to **UNI EN ISO 14001 standards, edition 2004.**



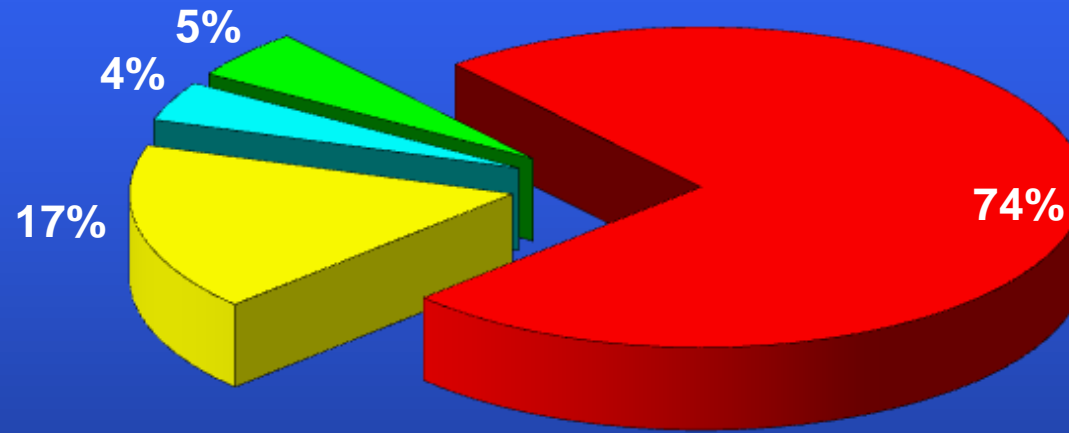
□ *Company organisation chart*



Data



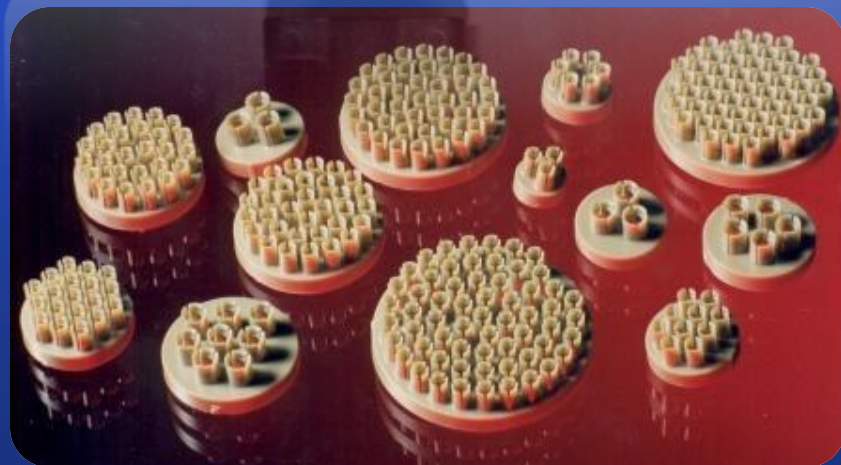
□ *Fields in which we operate*



■ Automotive ■ Medical ■ Electronics ■ Other



➤ AEREONAUTIC



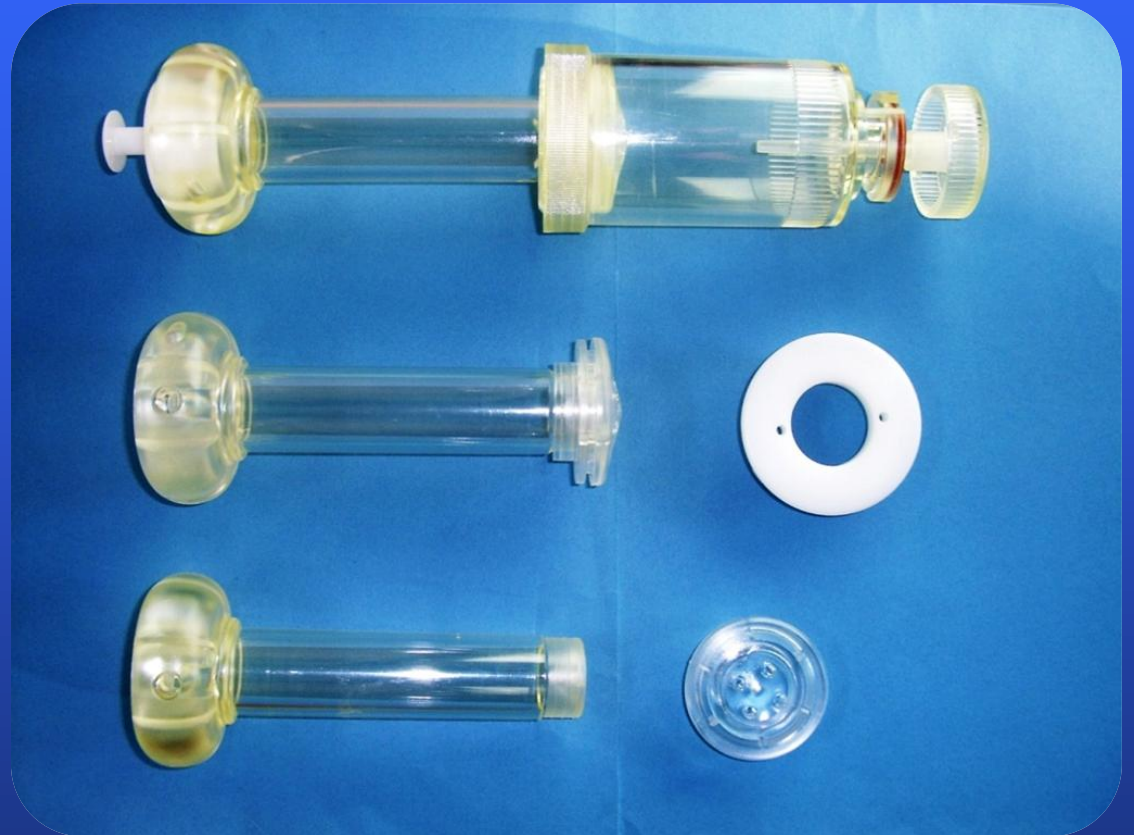
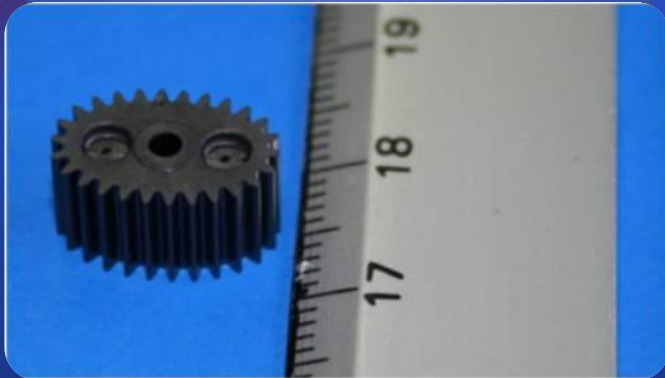
➤ AUTOMOTIVE



➤ MEDICAL EQUIPMENT



➤ MEDICAL EQUIPMENT



➤ MOTORCYCLE



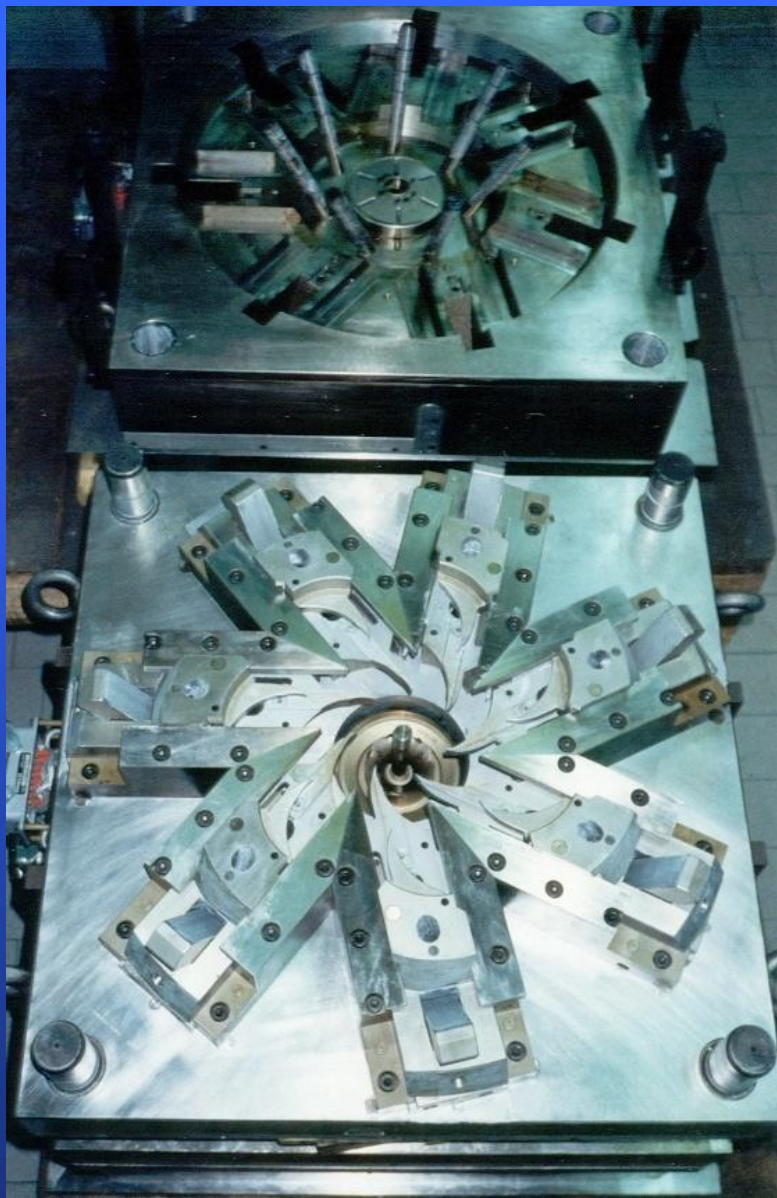
➤ MOTORCYCLE

Sample Pre-assembled
required by the Customer



➤ CYCLE





Europäisches
Patentamt

European
Patent Office

Office européen
des brevets

Urkunde Certificate Certificat

Es wird hiermit bescheinigt, daß für die in der beigefügten Patentschrift beschriebene Erfindung ein europäisches Patent für die in der Patentschrift bezeichneten Vertragsstaaten erteilt worden ist.

It is hereby certified that a European patent has been granted in respect of the invention described in the annexed patent specification for the Contracting States designated in the specification.

Il est certifié qu'un brevet européen a été délivré pour l'invention décrite dans le fascicule de brevet ci-joint, pour les Etats contractants désignés dans le fascicule de brevet.

Europäisches Patent Nr.

European Patent No.

Brevet européen n°

0734834

Patentinhaber

Proprietor of the Patent

Titulaire du brevet

CATTINI S.R.L.
Via G. Verdi, 4
42018 San Martino in Rio, Reggio Emilia/IT



München, den
19.09.01
Felt & Munich, le

EP-AIR-PQ/CEB Form 2001 01/96

Ingo Kober
Ingo Kober

Präsident des Europäischen Patentamts
President of the European Patent Office
Président de l'Office européen des brevets



Europäisches
Patentamt

European
Patent Office

Office européen
des brevets

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Europäisches Patent Nr. 0734634
European Patent No.
Brevet européen n°

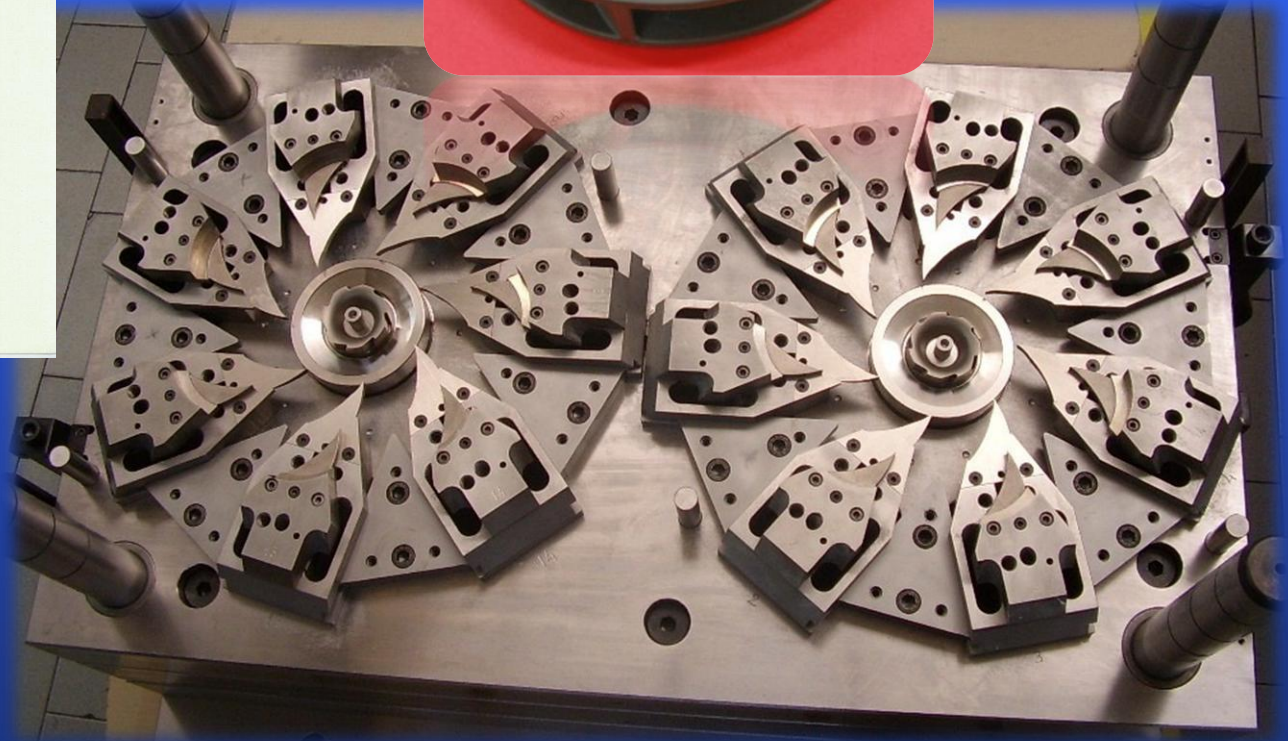
Patentinhaber Proprietor of the Patent Titulaire du brevet
CATTINI S.R.L.
Via G. Verdi, 4
42018 San Martino in Rio, Reggio Emilia/IT

Wochen, den 19.09.01
Münch. Pat & Marken, 4

EP428025B Form 2021 01 09

Ingo Kober

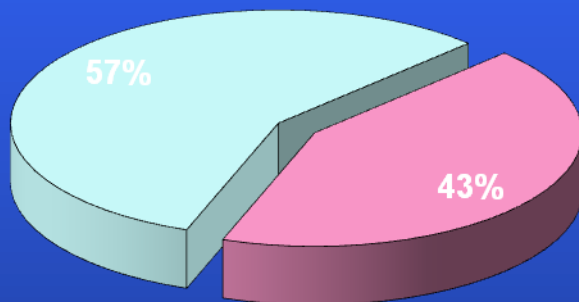
Präsident des Europäischen Patentamts
President of the European Patent Office
Président de l'Office européen des brevets



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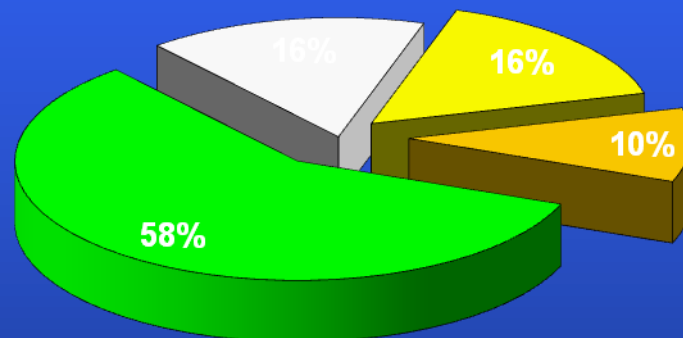


Personnel*



■ Men

■ Women



■ Admin ■ Engineering ■ Quality ■ Production

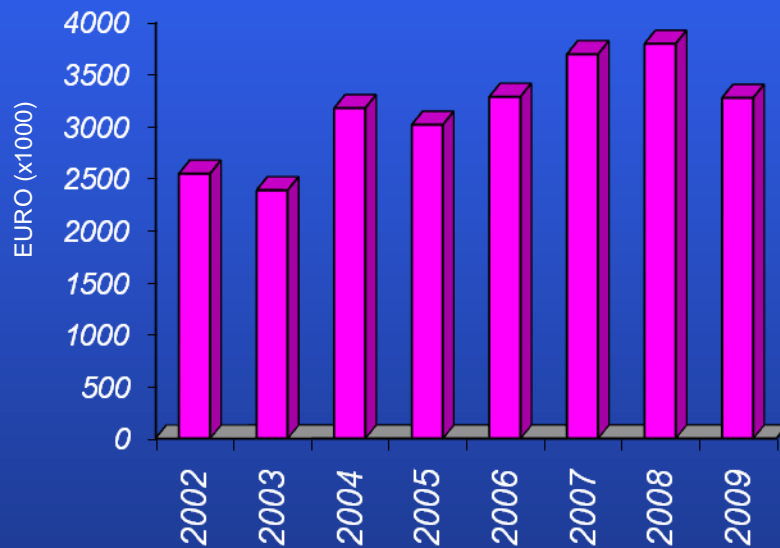
* 35 unità



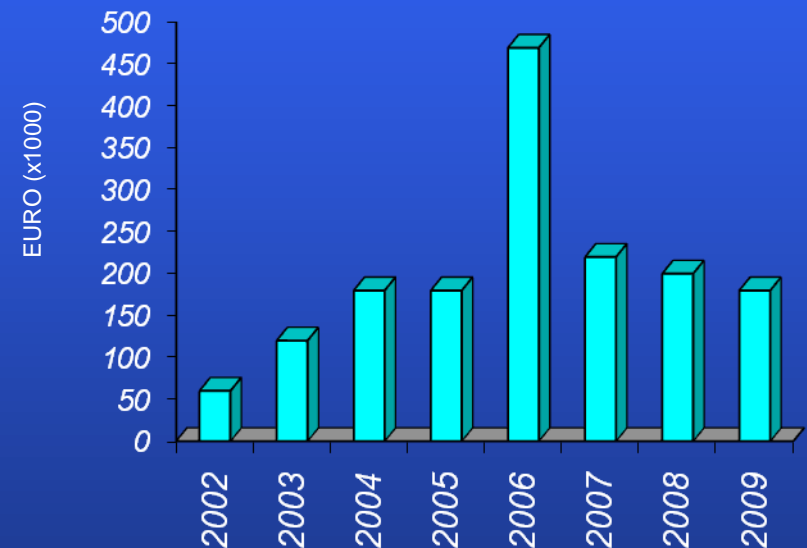
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Turnover



Investments

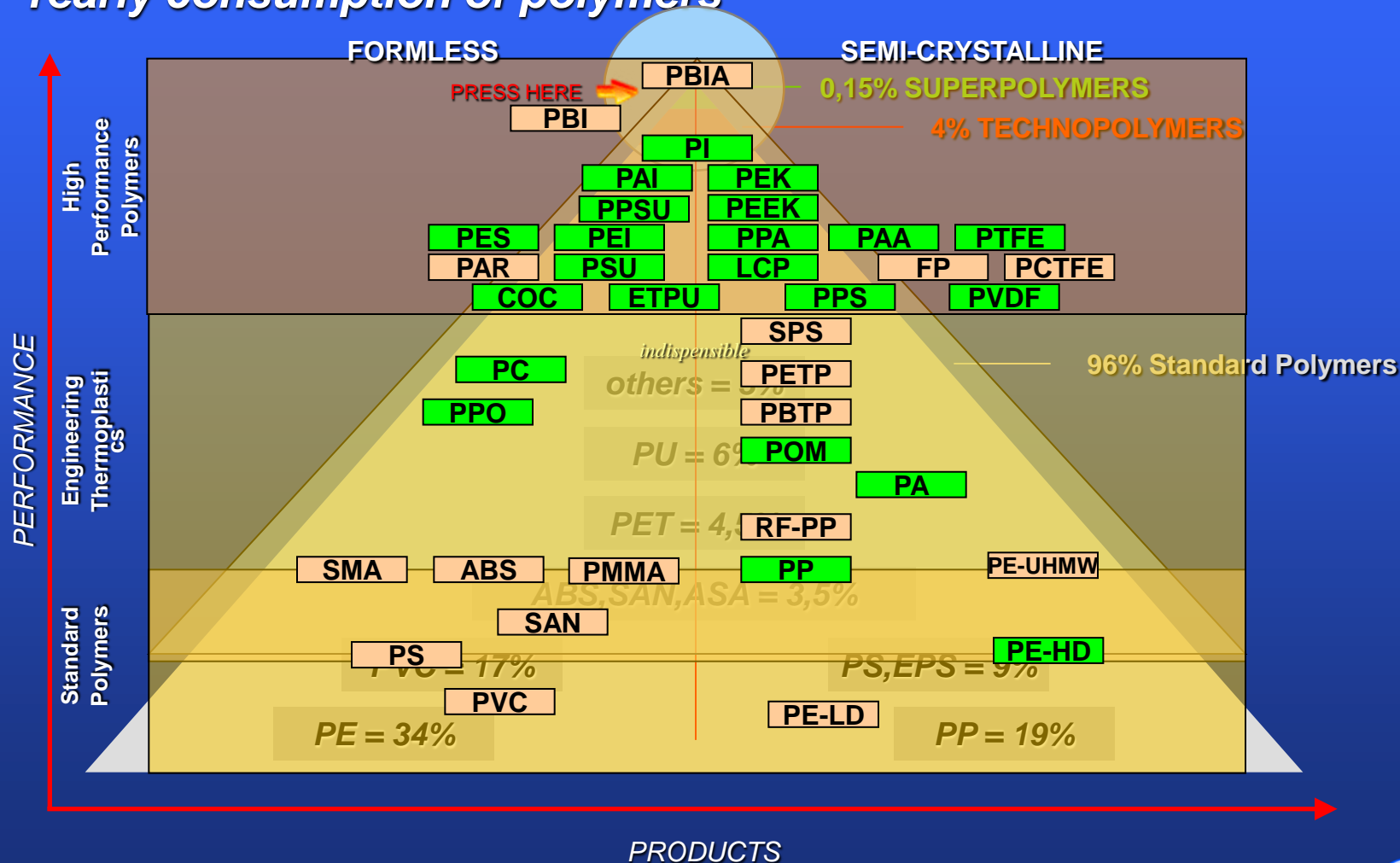


Data



❑ *Used in Cattini s.r.l.*

❑ *Yearly consumption of polymers **



* DATI DI CONSUMO GLOBALE DELLE MATERIE PLASTICHE DELL'ANNO 2002



Certificates & Acknowledgements



Victrex® PEEK [tm] Partner...

Cattini SRL
 Via G. Verdi, 4
 42018 San Martino in Rio (RE)
 Italy
 Tel: +39 0522 6952 20
 Fax: +39 0522 6952 54
 Email: cattini@cattini.it
<http://www.cattini.it>

Victrex® PEEK [tm] Partner...

Stampatori			
Stampaggio a iniezione	Elvotec	IPA Plast	Cattini SRL
Semilavorati			
Estrusione/Stampaggio a compressione	Ensinger Italia	Quadrant EPP Italia	

Certificates & Acknowledgements



Solvay
Advanced Polymers



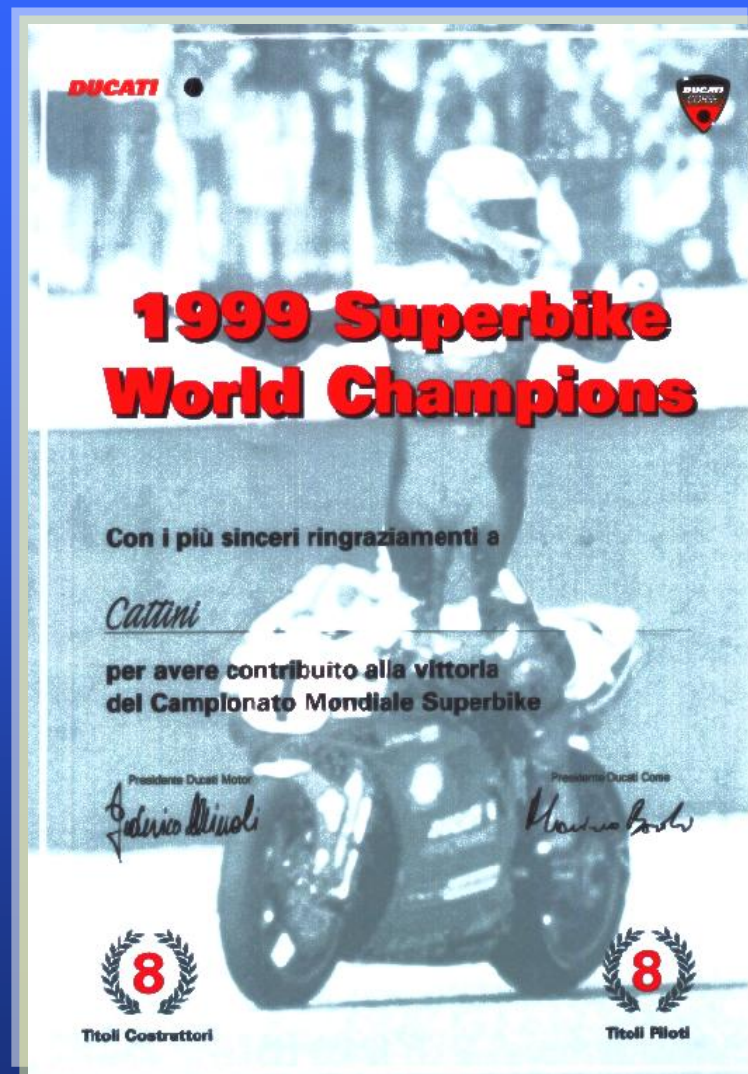
Last Update JANUARY 2005



Certificates & Acknowledgements



Europäisches Patentamt	European Patent Office	Office européen des brevets
<p>Urkunde Certificate Certificat</p>		
<p>Es wird hiermit bescheinigt, daß für die in der beigefügten Patentschrift beschriebene Erfindung ein europäisches Patent für die in der Patentschrift bezeichneten Vertragsstaaten erteilt worden ist.</p> <p>It is hereby certified that a European patent has been granted in respect of the invention described in the annexed patent specification for the Contracting States designated in the specification.</p> <p>Il est certifié qu'un brevet européen a été délivré pour l'invention décrite dans le fascicule du brevet joint, pour les Etats contractants désignés dans le fascicule de brevet.</p>		
Europäisches Patent Nr.	European Patent No.	Brevet européen n°
0734834		
Patentinhaber	Proprietor of the Patent	Titulaire du brevet
<p>CATTINI S.R.L. Via G. Verdi, 4 42018 San Martino in Rio, Reggio Emilia/IT</p>		
		<p><i>[Signature]</i> Ingo Kober Präsident des Europäischen Patentamts President of the European Patent Office Président de l'Office européen des brevets</p>
<p>München, den 19.09.01 Munich, Fall 19.09.01</p>		
<p>EP-A4-PROCB Form 2001 01 99</p>		



Certificates & Acknowledgements



The Dow Chemical Company

has identified

CATTINI Engineering Plastics

S. Martino in Rio, Italy

***as an expert moulder for
Questa* Crystalline Polymers.***

*Trademark of The Dow Chemical Company



Certificates & Acknowledgements



ZERTIFIKAT ♦ CERTIFICATE ♦ 証明書 ♦ CERTIFICADO ♦ CERTIFIKAT ♦ CERTIFICATO ♦ CERTIFICAT



CERTIFICATO

Nr 50 100 3780 - Rev. 02

Si attesta che / This is to certify that
IL SISTEMA QUALITÀ DI
THE QUALITY SYSTEM OF



CATTINI S.r.l.

SEDE LEGALE E OPERATIVA:
VIA G. VERDI 4
I-42018 SAN MARTINO IN RIO (RE)

È CONFORME AI REQUISITI DELLA NORMA
HAS BEEN FOUND TO COMPLY WITH THE REQUIREMENTS OF

UNI EN ISO 9001:2008

Riferirsi al manuale della qualità per eventuali dettagli delle esclusioni
ai requisiti della norma ISO 9001:2008
Refer to quality manual for possible details of exclusions of requirements
of the norm ISO 9001:2008

Questo certificato è valido per il seguente campo di applicazione
This certificate is valid for the following product or service range

**Stampaggio di tecnopolimeri e superpolimeri in accordo alle
specifiche del cliente; progettazione e costruzione di attrezzature;
ingegnerizzazione di prodotto (EA 14, 18)**

**Techno polymers and super polymers moulding according to
customer specification; design and construction of tooling; product
engineering (EA 14, 18)**



Per l'Organismo di Certificazione
For the Certification Body
TÜV Italia S.r.l.

Data di emissione / Issue date
2010-03-01

SQ N° 0484
SQA N° 0180
SCR N° 0087
SRI N° 0005
PRG N° 0018

Membre degli Accordi di Mutuo Riconoscimento EA e IAF
Signatory of EA and IAF Mutual Recognition Agreements

Andrea Vichi
Amministratore Delegato - CEO

Data di scadenza / Expiry date
2012-12-16

Rinnovo del certificato emesso per la prima volta in data 2004-01-19

"La validità del presente certificato è subordinata a sorveglianza periodica a 12 mesi e al riesame completo del sistema di gestione aziendale con periodicità triennale"

"The validity of the present certificate depends on the annual surveillance every 12 months and on the complete review of company's management system after three-years"

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ZERTIFIKAT ♦ CERTIFICATE ♦ 証明書 ♦ CERTIFICADO ♦ CERTIFIKAT ♦ CERTIFICATO ♦ CERTIFICAT



CERTIFICATO

Nr 50 100 7845

Si attesta che / This is to certify that
IL SISTEMA DI GESTIONE AMBIENTALE DI
THE ENVIRONMENTAL MANAGEMENT SYSTEM OF



CATTINI S.r.l.

VIA G. VERDI 4
I-42018 SAN MARTINO IN RIO (RE)

È CONFORME AI REQUISITI DELLA NORMA
HAS BEEN FOUND TO COMPLY WITH THE REQUIREMENTS OF

UNI EN ISO 14001:2004

Questo certificato è valido per il seguente campo di applicazione
This certificate is valid for the following product or service range

**Realizzazione ed ingegnerizzazione di articoli in tecnopolimeri
e superpolimeri in accordo a specifiche del cliente mediante
processi di stampaggio, assemblaggio, essiccazione;
realizzazione di stampi mediante lavorazioni meccaniche (EA 14,
18)**

**Technopolymers and superpolymers transformation and
engineering according to customer specifications by moulding
process, assembling and drying; moulds realization by
mechanical machining (EA 14, 18)**

Certificazione rilasciata in conformità al Regolamento Tecnico SINCERT RT-09

Data di emissione / Issue date
2008-07-09

Data di scadenza / Expiry date
2011-06-26



Per l'Organismo di Certificazione
For the Certification Body
TÜV Italia S.r.l.

SQ N° 0484
SQA N° 0180
SCR N° 0087
SRI N° 0005
PRG N° 0018

Membre degli Accordi di Mutuo Riconoscimento EA e IAF
Signatory of EA and IAF Mutual Recognition Agreements

Alessio Gallazzo
Technical Responsible



"La validità del presente certificato è subordinata a sorveglianza periodica a 12 mesi e al riesame completo del sistema di gestione aziendale con periodicità triennale"

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References



□ Main customers



Dispenser & Accessories



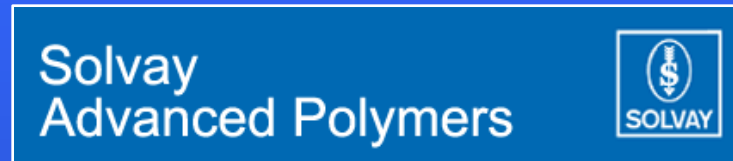
UNIVERSITA' DEGLI STUDI
DI MODENA E REGGIO EMILIA



References



□ Main suppliers





CATTINI S.R.L. via G. Verdi, 4

42018 San Martino in Rio (RE) Italy



WE THANK YOU FOR YOUR KIND ATTENTION

HAVE A NICE DAY

