High Performance Polymers

Powder & Solution Coatings

High Performace

Celazole® PBI **Tg=427°C**
(Polybenzimidazole)
Powder/Solution

NOWE™ **HDT=300°C**
(Aromatic thermosetting Copolyester)
Powder

AURUM™ **Tg=245°C**
(Thermoplastic Polyimide)
Powder/Dispersion

PFLUON® PEEK **Tg=145°C**
(Polyetheretherketone)
Powder/Fine Powder/
Ultra Fine Powder/Dispersion

PBI, aromatic Copolyester, TPI and PEEK withstand high temperatures, resist corrosion, support various additives, and offer excellent tribological properties.

Thinner coatings improve flexibility, heat dissipation, and reduce costs.

BIEGLO offers a wide variety of high temperature coatings.

We bring exclusive materials from all over the world to our demanding customers.

naturally **PFAS-free !**

BIEGLO supplies raw materials such as powders and granules, special compounds, dispersions, solutions, and semi-finished products. Through our international network of converters, we also have the capability to provide finished parts including injection-molded components, machined parts, laser-cut parts and coated metal.

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High Performance Polymers

Thermoplastics for Extrusion Coating

High Performace

AURUM™ **Tg=245°C**
(Thermoplastic Polyimde)
Granules

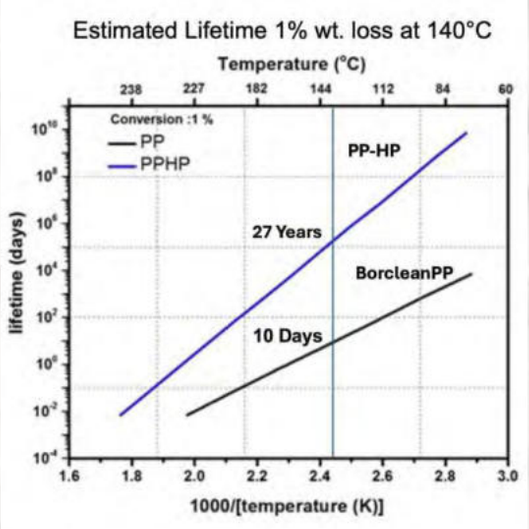
Mitsui Chemicals

Dexnyl©185 TPI **Tg=185°C**
(Thermoplastic Polyimide)
Powder/Granuels

PFLUON®PEEK **Tg=145°C**
(Polyetheretherketone)
Granules

PFLUON ADVANCED MATERIALS

Dexnyl© PP-HP
(Polypropylene - Hindered Phenols)
Granules



AURUM™ TPI
Low outgassing and high purity. Translucent coatings transmit light energy for better heat dissipation.

PFLUON® PEEK
Special grades with high electrical insulation properties and high elasticity.

TPI and PEEK have excellent mechanical strength, exceptional chemical and heat ageing resistance. These HPPs offer high electric strengths at cryogenic to high temperatures.

naturally **PFAS-free !**

PP-HPs outperforms commercially available PP in applications that require constant high temperatures (>100 °C) and/or high electric field conditions.

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