

High Performance Polymers Powder & Solution Coatings

Celazole® PBI
(Polybenzimidazole)
Powder/Solution

Tg=427°C



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.

High Performance Polymers Thermoplastics for Extrusion Coating

AURUM™

(Thermoplastic Polyimide)
Granules



Mitsui Chemicals

T_g=245°C

Dexnyl©185 TPI

(Thermoplastic Polyimide)
Powder/Granules

T_g=185°C

PFLUON®PEEK

(Polyetheretherketone)
Granules



PFLUON
ADVANCED MATERIALS

T_g=145°C

Dexnyl© PP-HP

(Polypropylene - Hindered Phenols)
Granules

AURUM™ TPI

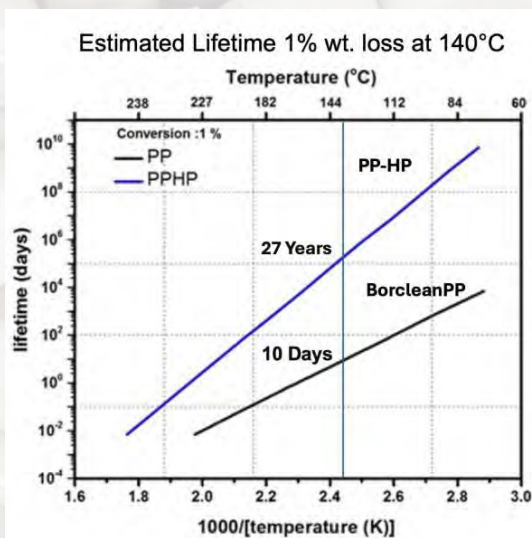
Low outgassing and high purity. Translucent coatings transmit light energy for better heat dissipation.



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.