

Hifax EP2 015/60 M

Compounded Polyolefin

Product Description

Hifax EP2 015/60 M is an unfilled PP copolymer, with high thermal resistance. The product is available as natural, pellet form. Due to the polar groups grafted to the polymer backbone, this grade offers excellent adhesion to polar materials (i.e. epoxy resins, steel, etc.). The material is available in powder form.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Product Characteristics

Status	Commercial
Processing Method	Extrusion
Features	Thermal resistance.
Typical Customer Applications	Used for pipe coating.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	10	g/10 min
Density (23 °C)	ISO 1183-1/A	0.9	g/cm ³
Melting Temperature range	ISO 11357-1	148	°C
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	19	MPa
Tensile Stress at Break (23 °C)	ISO 527-1, -2	22	MPa
Tens.Strain at Break	ISO 527-1, -2	400	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	700	MPa
Impact			
Izod Impact strength, notched (23 °C)	ISO 180/1A	10	kJ/m ²
Thermal			
Vicat Softening Temperature A (10 N)	ISO 306	125	°C

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

