

Technical Data Sheet

Hifax EPR 60/M BIANCO



Polypropylene Compounds

Product Description

Hifax EPR 60/M BIANCO, extrusion grade, is a white coloured adhesive polypropylene copolymer suitable for high temperature operating pipeline.

Due to the polar groups grafted to the polymer backbone, this grade offers excellent adhesion to polar materials (i.e. epoxy resin, steel, etc.)

The material is available in powder form.

The particle size distribution is mainly in the 90-500 micron range.

Application	Pipe Coating
Market	Industrial, Building & Construction; Pipe
Processing Method	Flame Spray
Attribute	Copolymer; Good Adhesion; Good Thermal Stability; High Impact Resistance; Non Toxic

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	4.0	g/10 min	ISO 1133-1
Density	0.90	kg/m ³	ISO 1183-1/A
Mechanical			
Flexural Modulus	900	MPa	ISO 178
Tensile Stress at Yield	20.0	MPa	ISO 527-1, -2
Tensile Strain at Break	>= 400	%	ISO 527-1, -2
Thermal			
Vicat Softening Point	135	°C	ISO 306
Oxidation Induction Time	40	min	ISO 11357-6
Melting Temperature	160	°C	ISO 11357-3

Notes

These are typical property values not to be construed as specification limits.

