



Hifax EPR 60 / M BIANCO

Compounded Polyolefin

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.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Processing Methods	Flame Spray
Features	Good Adhesion, Copolymer, High Impact Resistance , Good Thermal Stability, Non Toxic
Typical Customer Applications	Pipe Coating

Typical Properties	Method	Value	Unit
Physical			
Density (Method A)	ISO 1183	0.900	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	3.0	g/10 min
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	20.0	MPa
Tensile Strain at Break	ISO 527-1, -2	400	%
Flexural modulus	ISO 178	900	MPa
Thermal			
Vicat softening temperature (A50 (50°C/h 10N))	ISO 306	135	°C

Additional Properties

Processing:

Recommended melt temperatures: The powder should be applied when the pipe temperature is within the range recommended by the epoxy supplier.

Unless specifically indicated, the grade mentioned is not suitable for applications in the pharmaceutical/medical sector.

Notes

Typical properties; not to be construed as specifications.