



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.