



Hifax EP5 10/60 M BIANCO

Compounded Polyolefin

Product Description

"Hifax" EP5 10/60 M Bianco, is a white adhesive polypropylene copolymer with a high thermal stability.

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 µm 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 Heat Resistance , High Impact Resistance , Good Thermal Stability
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	9.0	g/10 min
Mechanical			
Tensile Stress at Break	ISO 527-1, -2	19.0	MPa
Tensile Stress at Yield	ISO 527-1, -2	16.0	MPa
Tensile Strain at Break	ISO 527-1, -2	>400	%
Flexural modulus	ISO 178	700	MPa
Thermal			
Vicat softening temperature	ISO 306	110	°C
Melting Temperature	ISO 3146	140	°C
Oxidation induction time (OIT) (220°C)	ASTM D3895	> 40	min

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.