

Technical Data Sheet

Hifax EP5 10/60 BIANCO

Polypropylene Compounds



Product Description

Hifax EP5 10/60 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 pellet form.

This grade is not intended for medical and pharmaceutical applications.

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	9.0	g/10 min	ISO 1133-1
Density	0.90	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus	700	MPa	ISO 178
Tensile Stress at Yield	16.0	MPa	ISO 527-1, -2
Tensile Strain at Break	>= 400	%	ISO 527-1, -2
Thermal			
Vicat Softening Temperature, (A50)	110	°C	ISO 306
Oxidation Induction Time	40	min	ISO 11357-6
Melting Temperature	140	°C	ISO 11357-3

Notes

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

