

## Technical Data Sheet

### Hifax EP5 10/60M BIANCO



Polypropylene Compounds

#### 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  $\mu\text{m}$  range.

This grade is not intended for medical and pharmaceutical applications.

<b>Application</b>	Pipe Coating
<b>Market</b>	Industrial, Building & Construction; Pipe
<b>Processing Method</b>	Flame Spray
<b>Attribute</b>	Copolymer; Good Adhesion; Good Thermal Stability; High Heat Resistance; High Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	9.0	g/10 min	ISO 1133-1
Density	0.90	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
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
<b>Thermal</b>			
Vicat Softening Temperature, (A50)	110	°C	ISO 306
Oxidation Induction Time	>= 40	min	ISO 11357-6
Melting Temperature	140	°C	ISO 11357-3