

Technical Data Sheet

Hifax EP2 015/60

Polypropylene Compounds

Product Description

Hifax EP2 015/60, extrusion grade, is a natural coloured adhesive polypropylene copolymer with 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.)

This material is available in pellet form.

This grade is not intended for medical and pharmaceutical applications.

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ISO 1133-1
Density, (23 °C)	0.90	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus	700	MPa	ISO 178
Tensile Stress at Yield	19.0	MPa	ISO 527-1, -2
Tensile Strain at Break	>= 400	%	ISO 527-1, -2
Impact			
Notched Izod Impact Strength, (-20 °C)	>= 3	kJ/m ²	ISO 180/1A
Thermal			
Vicat Softening Temperature, (A50)	125	°C	ISO 306
Melting Temperature	148	°C	ISO 11357-3