

# Hifax EP2 015/60

Polypropylene Copolymer  
LyondellBasell Industries

Message:

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.

General Information			
Features	Copolymer		
	Good Adhesion		
	Good Thermal Stability		
	High Impact Resistance		
Uses	Adhesives		
	Pipe Coatings		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Water Content	< 0.035	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	19.0	MPa	
Break	22.0	MPa	
Tensile Strain (Break)	400	%	ISO 527-2
Flexural Modulus	700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 3.0	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	125	°C	ISO 306/A50
Melting Temperature (DSC)	148	°C	ISO 3146
Extrusion	Nominal Value	Unit	
Melt Temperature	185 to 210	°C	

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Recommended distributors for this material

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