

Hostalen PP EPD60R

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Hostalen PP EPD60R is a natural polypropylene blockcopolymer with superior toughness and very good impact strength even at low temperature for extrusion and injection moulding applications. The product has a good heat- and extraction stability.

The material Hostalen PP EPD60R has not been tested and therefore has not been certified for pressure applications. For further details about the suitable applications for this material please contact LyondellBasell.

Hostalen PP EPD60R is not intended for medical and pharmaceutical applications.

General Information			
UL YellowCard	E31765-230612		
Additive	Antioxidant		
Features	Antioxidant		
	Block Copolymer		
Uses	Profiles		
	Sheet		
Agency Ratings	UL QMFZ2 .E31765		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
	Pipe Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
230°C/2.16 kg	0.40	g/10 min	
230°C/5.0 kg	1.6	g/10 min	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 3 sec)	64		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	1080	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	26.0	MPa	ISO 527-2/50
Tensile Strain (Yield, 23°C)	12	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	3.5	kJ/m ²	

0°C	7.5	kJ/m ²	
23°C	54	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	151	°C	ISO 306/A50
RTI Elec			UL 746
1.50 mm	65.0	°C	
3.00 mm	65.0	°C	
RTI Imp			UL 746
1.50 mm	65.0	°C	
3.00 mm	65.0	°C	
RTI Str			UL 746
1.50 mm	65.0	°C	
3.00 mm	65.0	°C	
Flammability	Nominal Value	Test Method	
Flame Rating		UL 94	
1.50 mm, ALL	HB		
3.00 mm, ALL	HB		
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 to 280	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	200 to 230	°C	

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Recommended distributors for this material

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