

Hostacom EP Q 40 RN/6

Polypropylene

LyondellBasell Industries

Message:

Hostacom EP Q 40 RN 6 is a polypropylene copolymer developed for extrusion of parts which requires high heat stabilisation on long term as well as good UV stability. It is used by our customers for the production of solar panel and pipes as well as for blow moulded automotive parts. The grade is available black coloured in pellet form.

General Information			
Features	Good Heat Aging Resistance		
	Good UV Resistance		
	Good Weather Resistance		
	High Heat Resistance		
	Low to No Water Absorption		
	Non-Toxic		
Uses	Industrial Applications		
	Piping		
Appearance	Black		
Forms	Pellets		
Processing Method	Extrusion Blow Molding		
	Injection Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.80	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	28.0	MPa	ISO 527-2
Tensile Strain (Break)	500	%	ISO 527-2
Flexural Modulus	1050	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-20°C	9.0	kJ/m ²	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Vicat Softening Temperature	150	°C	ISO 306/A50

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