Hostacom 6652

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom 6652 low melt flow, 1,650 MPa flexural modulus polypropylene homopolymer has high strength, excellent impact resistance and good hydrolytic stability.

General Information			
Features	Good Impact Resistance High Strength Homopolymer Hydrolytically Stable Low Flow		
Uses	Industrial Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity			
--	0.940	g/cm³	ASTM D792
23°C	0.950	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)			
230°C/2.16 kg	2.0	g/10 min	ASTM D1238
230°C/2.16 kg	1.8	g/10 min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	97 to 100		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			
Yield	34.0	MPa	ASTM D638, ISO 527-2
Break	19.0	MPa	ASTM D638
Tensile Elongation			
Yield	9.0	%	ASTM D638, ISO 527-2
Break	250	%	ASTM D638
Flexural Modulus			
--	1400	MPa	ASTM D790
--	1650	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			
23°C	150	J/m	ASTM D256A
--	11	kJ/m²	ISO 180

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	88.0	°C	ASTM D648
0.45 MPa, Unannealed	104	°C	ISO 75-2/B

Recommended distributors for this material

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