

Hostacom LPX 1775

Polypropylene Copolymer

LyondellBasell Industries

Message:

"Hostacom" LPX 1775 is a 40% mineral filled polypropylene copolymer for injection molding. It has good impact resistance.

The grade has been specifically designed for molding automotive interior parts, in particular dashboard inserts.

The grade is available in black colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,40% Filler by Weight		
Features	Good Impact Resistance		
Uses	Automotive Instrument Panel Automotive Interior Parts		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	23.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	3.5	%	ISO 527-2/50
Flexural Modulus - Secant	3600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C, Hinged Break	3.2	kJ/m ²	
23°C	5.0	kJ/m ²	
Charpy Unnotched Impact Strength (23°C, Hinged Break)	32	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	76.0	°C	ISO 75-2/A

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