

Hostacom 6551

Polypropylene Homopolymer
LyondellBasell Industries

Message:

Hostacom 6551 conventional melt flow, 1,300 MPa flexural modulus, precolored polypropylene homopolymer has a good combination of strength, stiffness, impact and heat resistance. It was designed for a variety of industrial and consumer applications.

General Information			
Features	Good Chemical Resistance		
	Good Heat Aging Resistance		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	Homopolymer		
	Medium Heat Resistance		
	Medium Strength		
Uses	Appliances		
	Consumer Applications		
	Industrial Applications		
Appearance	Unspecified Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.940	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	34.0	MPa	
Break, Injection Molded	14.0	MPa	
Tensile Elongation			ASTM D638
Yield	7.0	%	
Break, Injection Molded	350	%	
Flexural Modulus (Injection Molded)	1300	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	53	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	81.0	°C	ASTM D648

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