

Hostacom 65F5-4

Polypropylene Homopolymer
LyondellBasell Industries

Message:

Hostacom 65F5-4 conventional melt flow, 2,200 MPa flexural modulus, 40% calcium carbonate-filled polypropylene homopolymer is designed for high stiffness, excellent chemical resistance and improved surface quality of molded parts.

General Information			
UL YellowCard	E229217-102026876		
Filler / Reinforcement	Calcium Carbonate,40% Filler by Weight		
Features	Good Chemical Resistance		
	Good Stiffness		
	Good Surface Finish		
	Homopolymer		
Uses	Appliances		
	Automotive Applications		
	Household Goods		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C, 48 hr, 3.20 mm)	1.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	25.0	MPa	
Break	16.0	MPa	
Tensile Elongation			ASTM D638
Yield	4.0	%	
Break	50	%	
Flexural Modulus	2200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45
MPa, Unannealed)

104

°C

ASTM D648

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