

Hostacom 65F4-2

Polypropylene Homopolymer
LyondellBasell Industries

Message:

Hostacom 65F4-2 conventional melt flow, 1,900 MPa flexural modulus, 20% talc-filled polypropylene homopolymer is designed for balanced stiffness, impact resistance, dimensional stability, colorability and heat aging performance.

General Information			
UL YellowCard	E229217-102026869		
Filler / Reinforcement	Talc,20% Filler by Weight		
Features	Good Colorability		
	Good Dimensional Stability		
	Good Heat Aging Resistance		
	Good Impact Resistance		
	Good Stiffness		
	High Heat Resistance		
	Homopolymer		
Uses	Appliances		
	Automotive Applications		
	Electrical Parts		
	Household Goods		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	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)	1.2	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	84		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	31.0	MPa	
Break	29.0	MPa	
Tensile Elongation			ASTM D638
Yield	4.0	%	
Break	70	%	
Flexural Modulus - Tangent ¹	1900	MPa	ASTM D790A


Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	109	°C	ASTM D648
NOTE			
1.	1.3 mm/min		

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