

Hostacom 75F4-4

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hostacom 75F4-4 conventional melt flow, 2,800 MPa flexural modulus, 40% talc-filled polypropylene copolymer has high strength and stiffness.

General Information			
Filler / Reinforcement	Talc,40% Filler by Weight		
Features	Copolymer		
	Good Colorability		
	Good Stiffness		
	Good Surface Finish		
	High Strength		
Uses	Appliances		
	Household Goods		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	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)	0.90	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	88		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	25.0	MPa	
Break	18.0	MPa	
Tensile Elongation			ASTM D638
Yield	3.0	%	
Break	25	%	
Flexural Modulus	2800	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	119	°C	ASTM D648

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

