

Hostacom 65F5-2

Polypropylene Homopolymer
LyondellBasell Industries

Message:

Hostacom 65F5-2 conventional melt flow, 1,500 MPa flexural modulus, 20% calcium carbonate-filled polypropylene homopolymer is designed for high stiffness, excellent chemical resistance and improved surface quality of molded parts.

General Information			
UL YellowCard	E229217-102026873	E229217-102026874	
Filler / Reinforcement	Calcium Carbonate,20% 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	1.04	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)	1.3	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	89		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	30.0	MPa	
Break	13.0	MPa	
Tensile Elongation			ASTM D638
Yield	7.0	%	
Break	80	%	
Flexural Modulus - Tangent ¹	1500	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)	96.0	°C	ASTM D648
--	------	----	-----------

NOTE

1. 1.3 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

