

Hostacom 65F5-4

Compounded Polyolefin

Product Description

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.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Processing Methods	Injection Molding
Features	Good Chemical Resistance, Homopolymer, Good Stiffness , Good Surface Finish
Typical Customer Applications	Appliances, Automotive Parts, Housewares

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	1.23	g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	4	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	2200	MPa
Tensile Strength @ Yield	ASTM D 638	25	MPa
Tensile Strength @ Break	ASTM D 638	16	MPa
Tensile Elongation @ Yield	ASTM D 638	4	%
Tensile Elongation @ Brk	ASTM D 638	50	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	27	J/m
Hardness			
Rockwell Hardness (R-Scale)	ASTM D 785	95	
Thermal			
DTUL @66psi - Unannealed	ASTM D 648	104	°C
Additional Information			
Mold shrink, Linear-Flow	ASTM D 955	1.0	%
Note: After 48 hrs at 23°C (Tool).			

