



Hostacom BE17FC

Compounded Polyolefin

Product Description

Hostacom BE17FC fractional melt flow, 1,800 MPa flexural modulus, UV stabilized, precolored, 40% calcium carbonate filled polypropylene copolymer is designed for a variety of extrusion and blow molding applications. It is characterized by an excellent overall balance of properties.

Product Characteristics

Test Method used	ASTM
Processing Methods	Extrusion Blow Molding, Extrusion Pipe Sheet and Semi Finished Products
Features	Copolymer, Low Flow , Good Impact Resistance , Good Melt Strength , Good Processability, Good Stiffness , Good UV Resistance, Good Weather Resistance
Typical Customer Applications	Interior Applications, Panels & Profiles

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	0.4	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1800	MPa
Tensile Strength @ Yield	ASTM D 638	27	MPa
Tensile Strength @ Break	ASTM D 638	21	MPa
Tensile Elongation @ Yield	ASTM D 638	10	%
Tensile Elongation @ Brk	ASTM D 638	280	%
Tear Strength	ASTM D 624	130 kN/m	
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	350	J/m
Hardness			
Rockwell Hardness (R-Scale)	ASTM D 785	84	
Durometer Hardness (D Scale)	ASTM D 2240	74	
Thermal			
DTUL @66psi - Unannealed	ASTM D 648	78	°C