



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

Status	Commercial: Active
Test Method used	ASTM
Availability	North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
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

Notes

Typical properties; not to be construed as specifications.