



## 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

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

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density -Specific Gravity	ASTM D 792	1.23	g/cm <sup>3</sup>
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	0.4	g/10 min
<b>Mechanical</b>			
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	
<b>Impact</b>			
Notched Izod Impact (23 °C)	ASTM D 256	350	J/m
<b>Hardness</b>			
Rockwell Hardness (R-Scale)	ASTM D 785	84	
Durometer Hardness (D Scale)	ASTM D 2240	74	
<b>Thermal</b>			
DTUL @66psi - Unannealed	ASTM D 648	78	°C