

# Hostacom BE17FC

Polypropylene Copolymer  
LyondellBasell Industries

Message:

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.

General Information			
Filler / Reinforcement	Calcium Carbonate,40% Filler by Weight		
Additive	UV Stabilizer		
Features	Copolymer		
	Good Impact Resistance		
	Good Melt Strength		
	Good Processability		
	Good Stiffness		
	Good UV Resistance		
	Good Weather Resistance		
Uses	Low Flow		
	Automotive Interior Parts		
	Profiles		
	Reinforced Panels		
	Sheet		
Appearance	Unspecified Color		
Processing Method	Extrusion Blow Molding		
	Pipe Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.40	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	84		ASTM D785
Durometer Hardness (Shore D)	74		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	27.0	MPa	
Break	21.0	MPa	
Tensile Elongation			ASTM D638


Yield	10	%	
Break	280	%	
Flexural Modulus	1800	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	130	kN/m	ASTM D624
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	350	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	78.0	°C	ASTM D648

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