

# Hostacom AE716BC

Polypropylene Homopolymer  
LyondellBasell Industries

Message:

Hostacom AE716BC conventional melt flow, 1,400 MPa flexural modulus, UV-stabilized, 40% calcium carbonate-filled polypropylene homopolymer has a good balance of properties and processing. It was designed to meet UL 746B (F1) requirements for outdoor applications.

General Information			
UL YellowCard	E229217-102026884		
Filler / Reinforcement	Calcium Carbonate,40% Filler by Weight		
Additive	UV Stabilizer		
Features	Good Chemical Resistance		
	Good Stiffness		
	Good Surface Finish		
	Good UV Resistance		
	Homopolymer		
Uses	Electrical Parts		
	Outdoor Applications		
	Sporting Goods		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	87		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	17.0	MPa	ASTM D638
Tensile Elongation (Yield)	25	%	ASTM D638
Flexural Modulus	1400	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	104	°C	ASTM D648

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