

# Hostacom BA742EC

Polypropylene Copolymer  
LyondellBasell Industries

Message:

Hostacom BA742EC low melt flow, 1,200 MPa flexural modulus, precolored, extrusion grade polypropylene copolymer has a good balance of strength, stiffness, impact resistance and processability. It was designed primarily for solar panel and related applications.

General Information	
Features	Copolymer
	Good Impact Resistance
	Good Melt Strength
	Good Processability
	Good Stiffness
	Good Strength
	Low Flow
Uses	Profiles
	Reinforced Panels
	Sheet
	Solar Panels
Appearance	Unspecified Color
Processing Method	Pipe Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.910	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	25.0	MPa	
Break	31.0	MPa	
Tensile Elongation (Break)	700	%	ASTM D638
Flexural Modulus	1200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	800	J/m	ASTM D256

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