

LyondellBasell Hostacomâ„ç BA742EC Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade

Material Notes:

Description: Hostacomâ„ç 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.

Uses: Solar panels
Information provided by Basell.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Hostacom-BA742EC-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.912 g/cc	0.0329 lb/in ³	ASTM D792
Melt Flow	1.0 g/10 min @Load 2.16 kg, Temperature 230 Â°C	1.0 g/10 min @Load 4.76 lb, Temperature 446 Â°F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	31.0 MPa	4500 psi	ASTM D 638
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D 638
Elongation at Break	700 %	700 %	ASTM D 638
Flexural Modulus	1.20 GPa	174 ksi	procedure A; ASTM D790
Izod Impact, Notched	8.003 J/cm	14.99 ft-lb/in	73Â°F; ASTM D256

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