

## LyondellBasell Hostacomâ„ç 6551 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

### Material Notes:

Description: Hostacomâ„ç 6551 conventional melt flow, 1,300 MPa flexural modulus, precolored polypropylene homopolymer has a good combination of strength, stiffness, impact and heat resistance. It was designed for a variety of industrial and consumer applications. Uses: Electrical parts, appliances, industrial applications, consumer applications  
Information provided by Basell.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LyondellBasell-Hostacom-6551-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_LyondellBasell-Hostacom-6551-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	0.942 g/cc	0.0340 lb/in <sup>3</sup>	ASTM D792
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 230 Â°C	4.0 g/10 min @Load 4.76 lb, Temperature 446 Â°F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	98	98	ASTM D 785
Tensile Strength at Break	14.0 MPa	2030 psi	ASTM D 638
Tensile Strength, Yield	34.0 MPa	4930 psi	ASTM D 638
Elongation at Break	350 %	350 %	ASTM D 638
Elongation at Yield	7.0 %	7.0 %	ASTM D 638
Flexural Modulus	1.30 GPa	189 ksi	procedure A; ASTM D790
Izod Impact, Notched	0.529 J/cm	0.990 ft-lb/in	73Â°F; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	81.1 Â°C	178 Â°F	Unannealed; ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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