

## LyondellBasell Hostacom™ ZG750 Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Calcium Carbonate (CaCO3) Filler

### Material Notes:

Description: Hostacom™ ZG750 conventional melt flow, 1,700 MPa flexural modulus, 40% calcium carbonate-filled, utility grade polypropylene copolymer resin has a very good combination of strength, stiffness and impact resistance. Features include good impact/stiffness balance and good processability. Uses: Industrial applications Information provided by Basell.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LyondellBasell-Hostacom-ZG750-Polypropylene-Copolymer.php](http://www.lookpolymers.com/polymer_LyondellBasell-Hostacom-ZG750-Polypropylene-Copolymer.php)

Physical Properties	Metric	English	Comments
Density	1.22 g/cc	0.0441 lb/in <sup>3</sup>	ISO 1183
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 230 °C	8.0 g/10 min @Load 4.76 lb, Temperature 446 °F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	17.0 MPa	2470 psi	ISO 527-1, -2
Elongation at Break	350 %	350 %	ISO 527-1, -2
Flexural Modulus	1.70 GPa	247 ksi	ISO 178
Izod Impact, Notched (ISO)	3.70 kJ/m <sup>2</sup> @Temperature -30.0 °C	1.76 ft-lb/in <sup>2</sup> @Temperature -22.0 °F	ISO 180
	45.0 kJ/m <sup>2</sup> @Temperature 23.0 °C	21.4 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 180
Dart Drop, Total Energy	23.0 J @Temperature 23.0 °C	17.0 ft-lb @Temperature 73.4 °F	Gardner Falling Dart Impact (GFDI); ASTM D5420

## Contact Songhan Plastic Technology Co.,Ltd.

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