

## A. Schulman POLYFORT™ PP 2173HU Toyota High Impact Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

### Material Notes:

Description Polyfort® PP 2173HU Toyota is a high flow, UV stabilized, high impact copolymer polypropylene. Information provided by A. Schulman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_A-Schulman-POLYFORT-PP-2173HU-Toyota-High-Impact-Copolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-PP-2173HU-Toyota-High-Impact-Copolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.905 g/cc	0.905 g/cc	ASTM D792
Melt Flow	20 g/10 min @Temperature 230 °C	20 g/10 min @Temperature 446 °F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	18.0 MPa	2610 psi	ASTM D638
Elongation at Yield	37 %	37 %	
Flexural Strength	18.0 MPa	2610 psi	
Flexural Modulus	0.760 GPa	110 ksi	ASTM D790
Izod Impact, Notched	6.00 J/cm	11.2 ft-lb/in	ASTM D256
Falling Dart Impact	5.10 J @Thickness 1.78 mm, Temperature -30.0 °C	3.76 ft-lb @Thickness 0.0701 in, Temperature -22.0 °F	Pass

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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