

## Formosa Plastics Formolene® 6575N Impact Copolymer Polypropylene

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

### Material Notes:

Impact Copolymer for High Speed injection Molded Applications Formolene® 6575N is a very high melt flow, medium impact copolymer of polypropylene. It is designed for such applications as packaging, housewares, and consumer goods requiring good impact strength especially in cold temperatures. It is characterized by easy mold flow, excellent physical property balance and finished product dimensional stability. Formolene® 6575N meets all requirements of the U. S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles and components of articles intended for direct food contact. Specimens were injection molded according to the conditions specified in ASTM D4101 Information provided by Formosa Plastics Corporation, USA

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Formosa-Plastics-Formolene-6575N-Impact-Copolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_Formosa-Plastics-Formolene-6575N-Impact-Copolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	75 g/10 min @Temperature 230 °C	75 g/10 min @Temperature 446 °F	I <sub>2</sub> ; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	89	89	ASTM D785
Tensile Strength, Yield	22.8 MPa	3300 psi	2" (50mm) per min; ASTM D638
Elongation at Yield	6.0 %	6.0 %	2" (50mm) per min; ASTM D638
Flexural Modulus	1.07 GPa	155 ksi	1.3mm per min, 1% secant; ASTM D790
Izod Impact, Notched	0.641 J/cm @Temperature -30.0 °C	1.20 ft-lb/in @Temperature -22.0 °F	ASTM D256
	1.60 J/cm @Temperature 0.000 °C	3.00 ft-lb/in @Temperature 32.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	101 °C	214 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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