

## Hyosung Topilene R500S PP

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

**Material Notes:**

R500S Block Copolymer Applications: Retort CPP Characteristics: Excellent impact strength Fish eye free Heat resistance Good clarity Information provided by Hyosung Corporation

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Hyosung-Topilene-R500S-PP.php](http://www.lookpolymers.com/polymer_Hyosung-Topilene-R500S-PP.php)

Physical Properties	Metric	English	Comments
Melt Flow	7.0 g/10 min	7.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	29.4 MPa	4270 psi	ASTM D638
Elongation at Break	>= 500 %	>= 500 %	ASTM D638
Flexural Modulus	0.981 GPa	142 ksi	ASTM D790
Izod Impact, Unnotched	0.490 J/cm	0.918 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	147 Â°C	297 Â°F	
Deflection Temperature at 0.46 MPa (66 psi)	95.0 Â°C	203 Â°F	ASTM D648

Descriptive Properties	Value	Comments
Additives	AB, slip	

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