

## Total PPR 6523WZ Polypropylene, Nucleated Random Copolymer for Injection Molding

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

### Material Notes:

Impact - 6523WZ produces molded parts with improved impact compared with parts molded from homopolymer polypropylene. Antistat - 6523WZ contains an antistat to help protect molded parts from dust accumulation. FDA - 6523WZ complies with all applicable FDA regulations for food contact applications. Recommended Applications. - 6523WZ is recommended for injection molding housewares, caps and closures and other items calling for a combination of good impact and easy mold release. Information provided by Total Petrochemicals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-PPR-6523WZ-Polypropylene-Nucleated-Random-Copolymer-for-Injection-Molding.php](http://www.lookpolymers.com/polymer_Total-PPR-6523WZ-Polypropylene-Nucleated-Random-Copolymer-for-Injection-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D1505
Melt Flow	10 g/10 min	10 g/10 min	ASTM D1238, L

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785A
Tensile Strength, Yield	30.0 MPa	4350 psi	ASTM D638
Elongation at Yield	9.0 %	9.0 %	ASTM D638
Tensile Modulus	1.30 GPa	189 ksi	ASTM D638
Flexural Modulus	1.20 GPa	174 ksi	ASTM D790
Izod Impact, Notched	0.450 J/cm	0.843 ft-lb/in	ASTM D256A
Izod Impact, Unnotched	NB	NB	ASTM D256A

Thermal Properties	Metric	English	Comments
Melting Point	149 °C	300 °F	DSC
Deflection Temperature at 0.46 MPa (66 psi)	83.0 °C	181 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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