

## Total PPR 6827MZ Polypropylene, Random Copolymer - High Flow Clarified - for Injection Molding

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

### Material Notes:

Clarity. TOTAL Polypropylene 6827MZ exhibits superior clarity and produces molded parts with improved impact compared with parts molded from homopolymer polypropylene. Antistat. 6827MZ contains an antistat to help protect molded parts from dust accumulation. Easy Flow. 6827MZ exhibits exceptionally easy flow characteristics. FDA - 6523WZ complies with all applicable FDA and USDA regulations and may be used under these provisions for food contact and packaging. Recommended Applications. - 6827MZ is recommended for injection molding housewares, cassette cases and other items calling for a combination of good impact and superior clarity. Information provided by Total Petrochemicals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-PPR-6827MZ-Polypropylene-Random-Copolymer-High-Flow-Clarified-for-Injection-Molding.php](http://www.lookpolymers.com/polymer_Total-PPR-6827MZ-Polypropylene-Random-Copolymer-High-Flow-Clarified-for-Injection-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D1505
Melt Flow	35 g/10 min	35 g/10 min	ASTM D1238, L

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	30.0 MPa	4350 psi	ASTM D638
Elongation at Yield	12 %	12 %	ASTM D638
Tensile Modulus	1.17 GPa	170 ksi	ASTM D638
Flexural Modulus	1.03 GPa	149 ksi	ASTM D790
Izod Impact, Notched	0.690 J/cm	1.29 ft-lb/in	ASTM D256A
Impact Test	18.7 J @Thickness 3.17 mm	13.8 ft-lb @Thickness 0.125 in	Drop Impact; API

Thermal Properties	Metric	English	Comments
Melting Point	145 °C	293 °F	DSC
Deflection Temperature at 0.46 MPa (66 psi)	89.0 °C	192 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215, Fengxian District, Shanghai City, China**