

## Total PPR 12232 Random Copolymer Polypropylene

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

### Material Notes:

Total Petrochemicals PPR 12232 is a high melt flow index, high transparency random copolymer. Its has an excellent food compatibility due to its low odor, making it especially suitable for the production of food packaging and housewares products. Its high fluidity accounts for significant cycle time reduction. Peroxide is not used in the manufacturing of the above mentioned product. Information provided by Total Petrochemicals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-PPR-12232-Random-Copolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_Total-PPR-12232-Random-Copolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.902 g/cc	0.902 g/cc	ISO 1183
Bulk Density	0.525 g/cc	0.0190 lb/in <sup>3</sup>	ISO 1183
Melt Flow	80 g/10 min @Load 2.16 kg, Temperature 230 °C	80 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	82	82	ISO 2039-2
Flexural Modulus	1.15 GPa	167 ksi	ISO 178
Izod Impact, Notched (ISO)	5.00 kJ/m <sup>2</sup>	2.38 ft-lb/in <sup>2</sup>	ISO 180

Thermal Properties	Metric	English	Comments
Vicat Softening Point	67.0 °C @Load 5.10 kg	153 °F @Load 11.2 lb	50°C per hour; ISO 306
	130 °C @Load 1.02 kg	266 °F @Load 2.25 lb	50°C per hour; ISO 306

## Contact Songhan Plastic Technology Co.,Ltd.

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