

## Total PPH 3622 Polypropylene, Injection Molding Grade

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

### Material Notes:

General purpose injection molding and extrusion homopolymer Good Processability -- FINA 3622 is engineered for good processability in thin wall multi- cavity molds. Good Clarity -- FINA 3622 has good contact/see-through clarity, and is easily printed with silk screen or hot stamping techniques. FDA -- FINA 3622 complies with all applicable FDA regulations and may be used under those provisions for food contact applications. Recommended Applications-- FINA 3622 is recommended for the injection molding of housewares, utility boxes, and containers, as well as, general purpose extrusion. Processing -- FINA 3622 resin processes on conventional injection molding equipment with typical melt temperatures of 390- 450°F (200-232°C) Data provided by the manufacturer, Total Petrochemicals. Total Petrochemicals acquired former Fina and Atofina plastics product lines.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-PPH-3622-Polypropylene-Injection-Molding-Grade.php](http://www.lookpolymers.com/polymer_Total-PPH-3622-Polypropylene-Injection-Molding-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	12 g/10 min	12 g/10 min	ASTM D1238L

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	103	103	ASTM D288A
Tensile Strength, Ultimate	33.1 MPa	4800 psi	ASTM D638
Elongation at Break	8.0 %	8.0 %	ASTM D638
Modulus of Elasticity	1.38 GPa	200 ksi	ASTM D638
Flexural Modulus	1.17 GPa	170 ksi	ASTM D790
Izod Impact, Notched	0.214 J/cm	0.401 ft-lb/in	ASTM D256A
Izod Impact, Unnotched	9.55 J/cm	17.9 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	DSC
Deflection Temperature at 0.46 MPa (66 psi)	121 °C	250 °F	ASTM D648

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 232 °C	392 - 450 °F	Injection

## **Contact Songhan Plastic Technology Co.,Ltd.**

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