

## ExxonMobil PP7654KNE2 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

**Product Description:** A high impact copolymer resin with medium melt flow rate and excellent processing attributes. It is designed for injection molded large consumer and industrial parts.  
**Availability:** North America  
**Features:** Good Colorability Good Dimensional Stability Good Mold Release Good Thermal Stability Medium Impact Resistance  
**Uses:** Automotive Applications Consumer Applications Household Goods  
**Processing Method:** Injection Molding  
 Information provided by ExxonMobil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-PP7654KNE2-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_ExxonMobil-PP7654KNE2-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ExxonMobil Method
Melt Flow	17 g/10 min @Load 2.16 kg, Temperature 230 °C	17 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.2 MPa	3220 psi	2.0 in/min; ASTM D638
Elongation at Yield	4.6 %	4.6 %	2.0 in/min; ASTM D638
Flexural Modulus, 1% Secant	1230 MPa	179000 psi	0.05 in/min; ASTM D790A
	1380 MPa	200000 psi	0.5 in/min; ASTM D790B
Izod Impact, Notched	NB	NB	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	96.7 °C	206 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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