

## NIZHNEKAMSKNEFTEKHIM PP 1500K Propylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

Product obtained by polymerization of propylene in presence of complex metalorganic catalysts. It incorporates increased long-term thermal stability, thermal-oxidative degradation resistance when PP is produced, processed and PP-made articles are exploited. Information provided by manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_NIZHNEKAMSKNEFTEKHIM-PP-1500K-Propylene-Homopolymer.php](http://www.lookpolymers.com/polymer_NIZHNEKAMSKNEFTEKHIM-PP-1500K-Propylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Melt Flow	3.6 - 4.6 g/10 min @Load 2.16 kg, Temperature 230 °C	3.6 - 4.6 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238/L

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 32.0 MPa	>= 4640 psi	ASTM D638
Elongation at Yield	>= 10 %	>= 10 %	ASTM D638
Flexural Modulus	>= 1.30 GPa	>= 189 ksi	ASTM D790
Izod Impact, Notched	>= 0.400 J/cm @Temperature 23.0 °C	>= 0.749 ft-lb/in @Temperature 73.4 °F	ASTM D256

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