

NIZHNEKAMSKNEFTEKHIM PP 1532B (YD50G) 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-1532B-YD50G-Propylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	0.20 - 0.40 g/10 min	0.20 - 0.40 g/10 min	ASTM D1238/L
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	
	0.40 - 0.70 g/10 min	0.40 - 0.70 g/10 min	ASTM D1238/L
	@Load 5.00 kg, Temperature 190 °C	@Load 11.0 lb, Temperature 374 °F	
	0.90 - 1.5 g/10 min	0.90 - 1.5 g/10 min	ASTM D1238/L
	@Load 5.00 kg, Temperature 230 °C	@Load 11.0 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 33.0 MPa	>= 4790 psi	ASTM D638
Elongation at Yield	>= 12 %	>= 12 %	ASTM D638
Flexural Modulus	>= 1.30 GPa	>= 189 ksi	ASTM D790

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