

NIZHNEKAMSKNEFTEKHIM PP 4132B (PA14D) Propylene and Ethylene Copolymer

Category : Polymer , Thermoplastic , Polyethylene (PE) , Polypropylene (PP)

Material Notes:

Product obtained by copolymerization of propylene with ethylene in presence of complex metalorganic catalysts. It incorporates very high 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-4132B-PA14D-Propylene-and-Ethylene-Copolymer.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	>= 27.0 MPa	>= 3920 psi	ASTM D638
Elongation at Yield	>= 11 %	>= 11 %	ASTM D638
Flexural Modulus	>= 0.850 GPa	>= 123 ksi	ASTM D790
Izod Impact, Notched	>= 0.400 J/cm	>= 0.749 ft-lb/in	ASTM D256
	@Temperature -20.0 °C	@Temperature -4.00 °F	

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