

NIZHNEKAMSKNEFTEKHIM PP 4316M (EP1X35AF) 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 increased long-term thermal stability, thermal-oxidative degradation resistance when PP is produced, processed and PP-made articles are exploited, improved properties contributing to slipping and preventing from film layers sticking, and improved antistatic properties. Information provided by manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_NIZHNEKAMSKNEFTEKHIM-PP-4316M-EP1X35AF-Propylene-and-Ethylene-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	7.0 - 10 g/10 min	7.0 - 10 g/10 min	ASTM D1238/L
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 29.0 MPa	>= 4210 psi	ASTM D638
Elongation at Yield	>= 10 %	>= 10 %	ASTM D638
Flexural Modulus	>= 1.05 GPa	>= 152 ksi	ASTM D790
Izod Impact, Notched	>= 0.350 J/cm	>= 0.656 ft-lb/in	ASTM D256
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Descriptive Properties	Value	Comments
Gel Content (pcs./m ²)	0	>= 2.5mm
	0	(1.5-2.5)mm
	3	(0.7-1.5)mm
	300	>=0.2mm

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