

## NIZHNEKAMSKNEFTEKHIM PE 4142L (424F5) High Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE

**Material Notes:**

Product obtained by gas phase polymerization of ethylene in presence of complex metalorganic catalysts. Information provided by manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_NIZHNEKAMSKNEFTEKHIM-PE-4142L-424F5-High-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_NIZHNEKAMSKNEFTEKHIM-PE-4142L-424F5-High-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.940 - 0.944 g/cc	0.0340 - 0.0341 lb/in <sup>3</sup>	Base Resin; ASTM D1505
Melt Flow	0.40 - 0.60 g/10 min	0.40 - 0.60 g/10 min	ASTM D1283/L
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	12 - 30 g/10 min	12 - 30 g/10 min	Flow@21.6kg/Flow@2.16kg ratio 30-50; ASTM D1283
	@Load 21.6 kg, Temperature 190 °C	@Load 47.6 lb, Temperature 374 °F	

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