

## NIZHNEKAMSKNEFTEKHIM PE 6250D (506H4) 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-6250D-506H4-High-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_NIZHNEKAMSKNEFTEKHIM-PE-6250D-506H4-High-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.948 - 0.952 g/cc	0.0342 - 0.0344 lb/in <sup>3</sup>	Base Resin; ASTM D1505
Melt Flow	0.30 - 0.50 g/10 min	0.30 - 0.50 g/10 min	ASTM D1283/L
	@Load 5.00 kg, Temperature 190 °C	@Load 11.0 lb, Temperature 374 °F	
	5.4 - 9.0 g/10 min	5.4 - 9.0 g/10 min	Flow@21.6kg/Flow@5kg ratio > 18; ASTM D1283
	@Load 21.6 kg, Temperature 190 °C	@Load 47.6 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Flexural Modulus	>= 1.20 GPa	>= 174 ksi	ASTM D790
Izod Impact, Notched	>= NB	>= NB	ASTM D256
	@Temperature 23.0 °C	@Temperature 73.4 °F	

### Contact Songhan Plastic Technology Co.,Ltd.

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