

NIZHNEKAMSKNEFTEKHIM PE 6252J (526F2) 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-6252J-526F2-High-Density-Polyethylene.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------------------------------|--------------------------------------|--|
| Density | 0.950 - 0.954 g/cc | 0.0343 - 0.0345 lb/in ³ | Base Resin; ASTM D1505 |
| Melt Flow | 0.15 - 0.30 g/10 min | 0.15 - 0.30 g/10 min | ASTM D1283/L |
| | @Load 2.16 kg, Temperature 190 °C | @Load 4.76 lb, Temperature 374 °F | |
| | 10.5 - 21 g/10 min | 10.5 - 21 g/10 min | Flow@21.6kg/Flow@2.16kg ratio > 70; ASTM D1283 |
| | @Load 21.6 kg, Temperature 190 °C | @Load 47.6 lb, Temperature 374 °F | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|--------------|------------------|-----------|
| Flexural Modulus | >= 1.25 GPa | >= 181 ksi | ASTM D790 |
| Izod Impact, Notched | >= 2.00 J/cm | >= 3.75 ft-lb/in | ASTM D256 |

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