

Aclo Accutech Polyethylene HD0204UVL High Density UV Stabilized

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accutech-Polyethylene-HD0204UVL-High-Density-UV-Stabilized.php

| Physical Properties | Metric | English | Comments |
|-----------------------|--------------|---------------------------|---------------|
| Density | 0.953 g/cc | 0.0344 lb/in ³ | ASTM D792 |
| Linear Mold Shrinkage | 0.018 cm/cm | 0.018 in/in | MD; ASTM D955 |
| Melt Flow | 7.0 g/10 min | 7.0 g/10 min | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|------------|---------------|-----------|
| Hardness, Rockwell R | 50 | 50 | ASTM D785 |
| Tensile Strength at Break | 14.0 MPa | 2030 psi | ASTM D638 |
| Tensile Strength, Yield | 26.0 MPa | 3770 psi | ASTM D638 |
| Elongation at Break | 500 % | 500 % | ASTM D638 |
| Elongation at Yield | 10 % | 10 % | ASTM D638 |
| Tensile Modulus | 1.00 GPa | 145 ksi | ASTM D638 |
| Flexural Strength | 21.0 MPa | 3050 psi | ASTM D790 |
| Flexural Modulus | 0.800 GPa | 116 ksi | ASTM D790 |
| Izod Impact, Notched | 0.801 J/cm | 1.50 ft-lb/in | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|---------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 87.8 °C | 190 °F | ASTM D648 |
| Deflection Temperature at 1.8 MPa (264 psi) | 45.0 °C | 113 °F | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China