

Nylene® PA6 Impact Modified 421 HS Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

Material Notes:

Dry as molded.ALM, Nylene Canada, and Custom Resins are all operating companies of Polymeric Resources Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nylene-PA6-Impact-Modified-421-HS-Nylon-6.php

| Physical Properties | Metric | English | Comments |
|-----------------------|-------------|---------------------------|-----------|
| Density | 1.06 g/cc | 0.0383 lb/in ³ | ASTM D955 |
| Linear Mold Shrinkage | 0.014 cm/cm | 0.014 in/in | ASTM D955 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|-----------|---------------|-----------|
| Tensile Strength, Yield | 55.0 MPa | 7980 psi | ASTM D638 |
| Elongation at Break | 150 % | 150 % | ASTM D638 |
| Flexural Modulus | 1.70 GPa | 247 ksi | ASTM D790 |
| Izod Impact, Notched | 1.60 J/cm | 3.00 ft-lb/in | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---------------------------------------------|---------|---------|------------|
| Melting Point | 216 °C | 421 °F | ASTM D3418 |
| Deflection Temperature at 1.8 MPa (264 psi) | 57.0 °C | 135 °F | ASTM D648 |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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