

Nilit Polynil® P230 High Viscosity Nylon 66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Unreinforced

Material Notes:

Description: Polynil P230 is a high viscosity NYLON 66 (Viscosity number 280 cm³/gr) that was developed for film- and rod extrusion. It has high melt stability and low gel content. It holds various food approvals. Key characteristics: Viscosity number 280 cm³/gr Low gel content Various food contact approvals High heat stability Information provided by NILIT.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Nilit-Polynil-P230-High-Viscosity-Nylon-66.php

| Physical Properties | Metric | English | Comments |
|-----------------------|-----------|---------------------------|---------------------------------------------|
| Density | 1.14 g/cc | 0.0412 lb/in ³ | ASTM D792 |
| Viscosity Measurement | 230 | 230 | relative viscosity (formic acid); ASTM D789 |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|------------------------|----------------------------|-----------|
| Tensile Strength, Yield | 82.0 MPa | 11900 psi | ASTM D638 |
| Elongation at Break | 142 % | 142 % | ASTM D638 |
| Tensile Modulus | 2.71 GPa | 393 ksi | ASTM D638 |
| Flexural Strength | 118.9 MPa | 17250 psi | ASTM D790 |
| Flexural Modulus | 2.81 GPa | 408 ksi | ASTM D790 |
| Izod Impact, Notched (ISO) | 6.93 kJ/m ² | 3.30 ft-lb/in ² | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---------------------------------------------|---------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 232 °C | 450 °F | ASTM D648 |
| Deflection Temperature at 1.8 MPa (264 psi) | 70.0 °C | 158 °F | ASTM D648 |

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