

BASF Ultramid® NBX-0025 NF2001 PA66 (Conditioned)

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

Material Notes:

Ultramid NBX-0025 NF2001 is a specialty, unfilled PA6/6.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-NBX-0025-NF2001-PA66-Conditioned.php

| Physical Properties | Metric | English | Comments |
|------------------------------------|-------------|---------------------------|---------------------------------------|
| Density | 1.14 g/cc | 0.0412 lb/in ³ | dry; ISO 1183 |
| Water Absorption | 8.5 % | 8.5 % | beginning dry; ISO 62 |
| Moisture Absorption at Equilibrium | 2.5 % | 2.5 % | beginning dry (23°C/50% R.H.); ISO 62 |
| Linear Mold Shrinkage | 0.016 cm/cm | 0.016 in/in | ASTM Data; MD |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|-------------------------|----------------------------|-----------------------------------|
| Tensile Strength, Yield | 54.0 MPa | 7830 psi | 50mm/min; ISO 527 |
| Elongation at Break | >= 50 % | >= 50 % | 50mm/min, Nominal strain; ISO 527 |
| Elongation at Yield | 25 % | 25 % | 50mm/min; ISO 527 |
| Tensile Modulus | 1.20 GPa | 174 ksi | 1mm/min; ISO 527 |
| Flexural Modulus | 1.10 GPa | 160 ksi | ISO Data |
| Izod Impact, Notched (ISO) | 14.0 kJ/m ² | 6.66 ft-lb/in ² | ISO Test |
| Charpy Impact Unnotched | NB | NB | ISO 179 |
| | NB | NB | ISO 179 |
| | @Temperature -30.0 °C | @Temperature -22.0 °F | |
| Charpy Impact, Notched | 1.60 J/cm ² | 7.61 ft-lb/in ² | ISO 179 |
| | 0.400 J/cm ² | 1.90 ft-lb/in ² | ISO 179 |
| | @Temperature -30.0 °C | @Temperature -22.0 °F | |

| Thermal Properties | Metric | English | Comments |
|--------------------|--------|---------|-----------|
| Melting Point | 257 °C | 495 °F | 10 K/min |
| | 257 °C | 495 °F | ASTM Test |

| Descriptive Properties | Value | Comments |
|------------------------------|-------------------|----------|
| Color | Natural | |
| Commercial Status | Active America | |
| Impact Modified | No | |
| Primary Processing Technique | Injection Molding | |

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