

Kolon ELLAS K-385A Ether Based Thermoplastic Polyurethane

Category : Polymer , Thermoplastic , Elastomer, TPE , Polyurethane, TP , Thermoplastic Polyurethane, Elastomer, Ether Grade

Material Notes:Applications: Extrusion, Injection: Cable Sheathing, High pressure tube, WheelCaster
Information provided by API-Kolon.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kolon-ELLAS-K-385A-Ether-Based-Thermoplastic-Polyurethane.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|-----------|-----------|
| Specific Gravity | 1.11 g/cc | 1.11 g/cc | ASTM D792 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|---------------------------|--------------------------|------------|
| Hardness, Shore A | 85 | 85 | ASTM D2240 |
| Tensile Strength | 40.2 MPa | 5830 psi | ASTM D412 |
| Tensile Stress | 6.86 MPa @Strain 100 % | 996 psi @Strain 100 % | ASTM D412 |
| Elongation at Break | 600 % | 600 % | ASTM D412 |
| Tear Strength | 108 kN/m | 616 pli | ASTM D624 |

| Processing Properties | Metric | English | Comments |
|-----------------------|---------------|---------------|-------------------|
| Nozzle Temperature | 185 - 195 Å°C | 365 - 383 Å°F | Injection Molding |
| Zone 1 | 155 - 175 Å°C | 311 - 347 Å°F | Extrusion Molding |
| | 160 - 175 Å°C | 320 - 347 Å°F | Injection Molding |
| Zone 2 | 170 - 185 Å°C | 338 - 365 Å°F | Extrusion Molding |
| | 175 - 185 Å°C | 347 - 365 Å°F | Injection Molding |
| Zone 3 | 170 - 190 Å°C | 338 - 374 Å°F | Extrusion Molding |
| | 180 - 190 Å°C | 356 - 374 Å°F | Injection Molding |
| Zone 4 | 180 - 195 Å°C | 356 - 383 Å°F | Extrusion Molding |
| Die Temperature | 180 - 195 Å°C | 356 - 383 Å°F | Extrusion Molding |
| Head Temperature | 190 - 200 Å°C | 374 - 392 Å°F | Extrusion 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