

Kolon ELLAS K-395A Ether Based Thermoplastic Polyurethane

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

Material Notes:

Applications Extrusion Injection: Cable sheathing, Highly Pressurized Hose Industry Parts Information provided by API-Kolon.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Kolon-ELLAS-K-395A-Ether-Based-Thermoplastic-Polyurethane.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.12 g/cc	1.12 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	95	95	ASTM D2240
Tensile Strength	45.1 MPa	6540 psi	ASTM D412
Tensile Stress	11.8 MPa @Strain 100 %	1710 psi @Strain 100 %	ASTM D412
Elongation at Break	500 %	500 %	ASTM D412
Tear Strength	137 kN/m	784 pli	ASTM D624

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