

## Kolon ELLAS K-260D Thermoplastic Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

**Material Notes:**

Applications Extrusion: Antenna, Heel Tip Injection: Hose, Tube, Sheet Industry Parts Information provided by API-Kolon.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Kolon-ELLAS-K-260D-Thermoplastic-Polyurethane.php](http://www.lookpolymers.com/polymer_Kolon-ELLAS-K-260D-Thermoplastic-Polyurethane.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	ASTM D2240
Tensile Strength	53.9 MPa	7820 psi	ASTM D412
Tensile Stress	15.7 MPa @Strain 100 %	2280 psi @Strain 100 %	ASTM D412
Elongation at Break	440 %	440 %	ASTM D412
Tear Strength	177 kN/m	1010 pli	ASTM D624

Processing Properties	Metric	English	Comments
Nozzle Temperature	195 - 205 Å°C	383 - 401 Å°F	Injection Molding
Zone 1	160 - 175 Å°C	320 - 347 Å°F	Injection Molding
	160 - 175 Å°C	320 - 347 Å°F	Extrusion Molding
Zone 2	180 - 190 Å°C	356 - 374 Å°F	Injection Molding
	180 - 195 Å°C	356 - 383 Å°F	Extrusion Molding
Zone 3	180 - 195 Å°C	356 - 383 Å°F	Extrusion Molding
	185 - 195 Å°C	365 - 383 Å°F	Injection Molding
Zone 4	190 - 205 Å°C	374 - 401 Å°F	Extrusion Molding
Die Temperature	190 - 205 Å°C	374 - 401 Å°F	Extrusion Molding
Head Temperature	195 - 210 Å°C	383 - 410 Å°F	Extrusion Molding

**Contact Songhan Plastic Technology Co.,Ltd.**

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