

Advanced Polymer Alloys DuraGrip™ DGR 6140 UT Thermoplastic Elastomer (TPE)

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO)

Material Notes:

DuraGrip® DGR 6140UT is an unfilled translucent Thermoplastic Elastomer (TPE). It is designed to process easily in injection molding and extrusion applications. DuraGrip® TPE features excellent soft touch feel, will bond to ABS, PC, Isoplast, clear copolyester and acrylics, and because it is translucent it is easily colored with a minimum of concentrate. DuraGrip® TPE is not hygroscopic and under normal conditions does not require drying. Information provided by Advanced Polymer Alloys

Order this product through the following link:

http://www.lookpolymers.com/polymer_Advanced-Polymer-Alloys-DuraGrip-DGR-6140-UT-Thermoplastic-Elastomer-TPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.960 g/cc	0.960 g/cc	ASTM D471; ISO 2781
Viscosity	302000 cP	302000 cP	ASTM D3835
	@Shear Rate 300 1/s, Temperature 190 °C	@Shear Rate 300 1/s, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	38	38	Time of 5 seconds; ASTM D2240; ISO 48
Tensile Strength, Ultimate	8.929 MPa	1295 psi	ASTM D412; ISO 37
Elongation at Break	644 %	644 %	ASTM D412; ISO 37
100% Modulus	0.00120 GPa	0.174 ksi	ASTM D412; ISO 37

Processing Properties	Metric	English	Comments
Processing Temperature	216 °C	420 °F	

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