

ELASTO UK Dryflex® 650900 TPE, Improved Compression Set and High Temperature Resistance, 90A Hardness

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processible Rubber

Material Notes:

The VTC TPE Group have developed endless formulations to fulfill different properties and application requirements to optimize the finished component. This grade is designed with improved compression set and high temperature resistance. Information from Vita Thermoplastic Polymers (VTP). Vita Thermoplastic Polymers was acquired by HEXPOL and is now ELASTO

Order this product through the following link:

http://www.lookpolymers.com/polymer_ELASTO-UK-Dryflex-650900-TPE-Improved-Compression-Set-and-High-Temperature-Resistance-90A-Hardness.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	ASTM D792
Melt Flow	3.0 g/10 min @Load 5.00 kg, Temperature 190 °C	3.0 g/10 min @Load 11.0 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	ASTM D2240
Tensile Strength at Break	14.0 MPa	2030 psi	ASTM D638
Elongation at Break	550 %	550 %	ASTM D638
100% Modulus	0.00520 GPa	0.754 ksi	ASTM D638
Tear Strength	45.0 kN/m	257 pli	ASTM D624
Compression Set	38 %	38 %	at 23°C, 72 hrs; ASTM D395
	49 %	49 %	at 70°C, 22 hrs; ASTM D638

Descriptive Properties	Value	Comments
Color	Natural	

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