

## ELASTO UK Dryflex® 650450 TPE, Improved Compression Set and High Temperature Resistance, 45A 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-650450-TPE-Improved-Compression-Set-and-High-Temperature-Resistance-45A-Hardness.php](http://www.lookpolymers.com/polymer_ELASTO-UK-Dryflex-650450-TPE-Improved-Compression-Set-and-High-Temperature-Resistance-45A-Hardness.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM D792
Melt Flow	1.0 g/10 min @Load 5.00 kg, Temperature 190 °C	1.0 g/10 min @Load 11.0 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	ASTM D2240
Tensile Strength at Break	7.20 MPa	1040 psi	ASTM D638
Elongation at Break	550 %	550 %	ASTM D638
100% Modulus	0.000700 GPa	0.102 ksi	ASTM D638
Tear Strength	28.0 kN/m	160 pli	ASTM D624
Compression Set	16 %	16 %	at 23°C, 72 hrs; ASTM D395
	20 %	20 %	at 70°C, 22 hrs; ASTM D638

Descriptive Properties	Value	Comments
Color	Natural	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China