

**NEU NeuSoft™ 455-50A Ester/ether TPU / SBC blend**

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

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_NEU-NeuSoft-455-50A-Esterether-TPU-SBC-blend.php](http://www.lookpolymers.com/polymer_NEU-NeuSoft-455-50A-Esterether-TPU-SBC-blend.php)

Physical Properties	Metric	English	Comments
Density	0.992 g/cc	0.0358 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	
Tensile Strength at Break	10.3 MPa	1490 psi	
Tensile Stress	1.35 MPa @Strain 100 %	196 psi @Strain 100 %	
	5.03 MPa @Strain 300 %	730 psi @Strain 300 %	
Elongation at Break	356 %	356 %	
Tear Strength	33.1 kN/m	189 pli	Die C
Compression Set	19.8 %	19.8 %	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.010 %	<= 0.010 %	

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