

STAR Thermoplastic Alloys & Rubbers StarFlex® P 7175-1000 TPE

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

Material Notes:

Product Description: StarFlex P 7175-1000 is an easy processing TPE designed for injection molding Features:Soft TouchRubbery

FeelExcellent ColorabilityGood WeatherabilityFDA and medical grades availableProcessing Method: Injection MoldingInformation Provided by STAR Thermoplastic Elastomers

Order this product through the following link:

http://www.lookpolymers.com/polymer_STAR-Thermoplastic-Alloys-Rubbers-StarFlex-P-7175-1000-TPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D792
Viscosity	11000 cP	11000 cP	ASTM D3835
	@Shear Rate 10994 1/s, Temperature 210 °C	@Shear Rate 10994 1/s, Temperature 410 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	71	71	ASTM D2240
	@Time 10.0 sec	@Time 0.00278 hour	
Tensile Strength at Break	9.080 MPa	1317 psi	Die C; ASTM D414
	@Time 7200 sec	@Time 2.00 hour	
Elongation at Break	690 %	690 %	Die C; ASTM D412
	@Time 7200 sec	@Time 2.00 hour	
300% Modulus	0.00332 GPa	0.481 ksi	Die C; ASTM D412
	@Time 7200 sec	@Time 2.00 hour	
Tear Strength	28.2 kN/m	161 pli	ASTM D624

Descriptive Properties	Value	Comments
Color	Natural	

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