

**STAR Thermoplastic Alloys & Rubbers StarFlex® P 7380-9000 TPE**

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

**Material Notes:**

**Product Description:** StarFlex P 7380-9000 is an easy processing TPE designed for injection molding **Features:** Soft Touch Rubbery Feel Good Weatherability FDA and medical grades available **Processing Method:** Injection Molding **Information Provided by STAR Thermoplastic Elastomers**

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_STAR-Thermoplastic-Alloys-Rubbers-StarFlex-P-7380-9000-TPE.php](http://www.lookpolymers.com/polymer_STAR-Thermoplastic-Alloys-Rubbers-StarFlex-P-7380-9000-TPE.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.15 g/cc	1.15 g/cc	ASTM D792
Viscosity	10000 cP	10000 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	80	80	ASTM D2240
	@Time 10.0 sec	@Time 0.00278 hour	
Tensile Strength at Break	6.58 MPa	954 psi	Die C; ASTM D414
	@Time 7200 sec	@Time 2.00 hour	
Elongation at Break	748 %	748 %	Die C; ASTM D412
	@Time 7200 sec	@Time 2.00 hour	
300% Modulus	0.00347 GPa	0.503 ksi	Die C; ASTM D412
	@Time 7200 sec	@Time 2.00 hour	
Tear Strength	33.1 kN/m	189 pli	ASTM D624

Descriptive Properties	Value	Comments
Color	Black	

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