

## STAR Thermoplastic Alloys & Rubbers StarGrip GP 45-9000 TPE

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

**Material Notes:**

**Product Description:** StarGrip GP 45-9000 is an easy processing TPE designed for injection molding and this particular class of TPE material with excellent grip properties. **Features:**Soft TouchRubbery FeelHigh TackinessNon-slip**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-StarGrip-GP-45-9000-TPE.php](http://www.lookpolymers.com/polymer_STAR-Thermoplastic-Alloys-Rubbers-StarGrip-GP-45-9000-TPE.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D792
Viscosity	5000 cP	5000 cP	ASTM D3835
	@Shear Rate 10994 1/s, Temperature 210 Â°C	@Shear Rate 10994 1/s, Temperature 410 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	ASTM D2240
	@Time 10.0 sec	@Time 0.00278 hour	
Tensile Strength at Break	5.10 MPa	740 psi	Die C; ASTM D414
	@Time 7200 sec	@Time 2.00 hour	
Elongation at Break	840 %	840 %	Die C; ASTM D412
	@Time 7200 sec	@Time 2.00 hour	
300% Modulus	0.00172 GPa	0.250 ksi	Die C; ASTM D412
	@Time 7200 sec	@Time 2.00 hour	
Tear Strength	15.8 kN/m	90.0 pli	ASTM D624

Descriptive Properties	Value	Comments
Color	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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