

# StarGRIP GP 45-1000

Thermoplastic Elastomer

STAR Thermoplastic Alloys & Rubbers, Inc.

## Message:

StarGrip GP 45-1000 is an easy processing TPE designed for injection molding.

### Features

- Soft Touch
- Rubbery Feel
- Excellent Colorability
- High Tackiness
- Non-slip

General Information			
Features	Good Colorability Good Processability Soft		
Appearance	Translucent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	45		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain, 23°C)	1.59	MPa	ASTM D412
Tensile Strength (Yield, 23°C)	4.48	MPa	ASTM D412
Tensile Elongation (Break, 23°C)	850	%	ASTM D412
Tear Strength	15.4	kN/m	ASTM D624
Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity (210°C, 11000 sec <sup>-1</sup> )	5.00	Pa · s	ASTM D3835

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## Recommended distributors for this material

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