

# Elastron® G G400.A52.T

Styrene Ethylene Butylene Styrene Block Copolymer

Elastron USA, Inc.

Message:

A soft, transparent SEBS based thermoplastic elastomer (TPE) compound designed for injection molding applications.

Bondable to: PP, EVA, PE

General Information			
Features	Block Copolymer		
	Bondability		
	Soft		
RoHS Compliance	RoHS Compliant		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.890	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage			ASTM D955
Flow	3.1	%	
Across Flow	2.1	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	52		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	1.90	MPa	
300% Strain	3.00	MPa	
Tensile Strength (Break)	4.00	MPa	ASTM D412
Tensile Elongation (Break)	600	%	ASTM D412
Tear Strength	31.0	kN/m	ASTM D624
Compression Set			ASTM D395
23°C, 22 hr	16	%	
70°C, 22 hr	94	%	
Additional Information	Nominal Value		Test Method
Ozone Resistance - Stressed	No Cracks		ASTM D518
Injection	Nominal Value	Unit	
Suggested Max Regrind	20	%	
Rear Temperature	145 to 175	°C	
Middle Temperature	155 to 185	°C	
Front Temperature	160 to 190	°C	

Nozzle Temperature	175 to 205	°C
Mold Temperature	25.0 to 50.0	°C

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

