Elastron® G G300.D50.B

Styrene Ethylene Butylene Styrene Block Copolymer

Elastron USA, Inc.

Message:

A hard, black SEBS based thermoplastic elastomer (TPE) compound that offers good physical properties and chemical resistance.
Bondable to: PP, EVA, PE

General Information			
Features	Block Copolymer		
	Bondability		
	Good Chemical Resistance		
	High Hardness		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.980	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	1.8	%	
Across Flow	1.5	%	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	50		ASTM D2240
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress			ASTM D412
100% Strain	10.6	MPa	
300% Strain	12.0	MPa	
Tensile Strength (Break)	13.0	MPa	ASTM D412
Tensile Elongation (Break)	500	%	ASTM D412
Tear Strength	85.0	kN/m	ASTM D624
Compression Set			ASTM D395
23°C, 22 hr	51	%	
70°C, 22 hr	72	%	
100°C, 22 hr	83	%	
Additional Information	**Nominal Value**		**Test Method**
Ozone Resistance - Stressed	No Cracks		ASTM D518
Injection	**Nominal Value**	**Unit**	
Suggested Max Regrind	20	%	
Rear Temperature	155 to 175	°C	

Middle Temperature	165 to 185	°C
Front Temperature	175 to 195	°C
Nozzle Temperature	195 to 225	°C
Mold Temperature	25.0 to 50.0	°C

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