Elastron® G G400.A70.B

Styrene Ethylene Butylene Styrene Block Copolymer

Elastron USA, Inc.

Message:

A soft, black unfilled SEBS based thermoplastic elastomer (TPE) compound which has very good physical properties and chemical resistance. This product is a good option when good scratch and abrasion resistance is required.
Bondable to: PP, EVA, PE

General Information			
Features	Block Copolymer		
	Bondability		
	Good Abrasion Resistance		
	Good Chemical Resistance		
	Scratch Resistant		
	Soft		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.890	g/cm³	ASTM D792
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A)	70		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Abrasion	75	mm³	ASTM D1630
Ozone Resistance - Stressed	No Cracks		ASTM D518
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress			ASTM D412
100% Strain	2.00	MPa	
300% Strain	3.30	MPa	
Tensile Strength (Break)	10.0	MPa	ASTM D412
Tensile Elongation (Break)	900	%	ASTM D412
Tear Strength	39.0	kN/m	ASTM D624
Compression Set			ASTM D395
23°C, 22 hr	26	%	
70°C, 22 hr	49	%	
100°C, 22 hr	71	%	
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

Recommended distributors for this material

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