

Lifoflex® UV 50 GC 1050

Styrene Ethylene Butylene Styrene Block Copolymer

ELASTO

Message:

The Lifoflex GA, GB and GC series are TPE compounds based on SEBS. They are suited to a wide variety of applications and are characterised by easy processing and high flexibility.

General Information			
Features	Good Adhesion		
	Good Flexibility		
	Good Processability		
	Good UV Resistance		
	Recyclable Material		
Uses	Closures		
	Electrical/Electronic Applications		
	Flexible Grips		
	Household Goods		
	Housings		
	Packaging		
	Seals		
	Sporting Goods		
	Toothbrush Handles		
	Toys		
Agency Ratings	EU 2003/11/EC		
	FDA Unspecified Rating		
RoHS Compliance	RoHS Compliant		
Appearance	Colors Available		
	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 3 sec)	50		DIN 53505
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow (Yield)	5.70	MPa	DIN 53504
Tensile Elongation - Across Flow (Break)	840	%	DIN 53504

Compression Set		ISO 815
23°C, 72 hr	18	%
70°C, 24 hr	34	%
100°C, 24 hr	68	%

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Recommended distributors for this material

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