

Leostomer® ER2044

Styrene Butadiene Block Copolymer

Riken Technos Corp.

Message:

Leostomer®ER2044 is a styrene-butadiene copolymer (SBC) product. It is available in North America or Asia Pacific.

Features include:

- high strength
- Copolymer
- environmental protection/green
- good weather resistance

General Information			
UL YellowCard	E58608-246574		
Features	High tensile strength		
	Copolymer		
	Recyclable materials		
	Good weather resistance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.898	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	40		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	1.40	MPa	ISO 37
Tensile Stress (Yield)	11.0	MPa	ISO 37
Tensile Elongation (Break)	1000	%	ISO 37
Tear Strength	23	kN/m	ISO 34-1
Compression Set (70°C, 22 hr)	35	%	ISO 815
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (120°C, 168 hr)	-3.0	%	ISO 188
Change in Tensile Strain at Break in Air (120°C, 168 hr)	2.0	%	ISO 188
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-60.0	°C	ISO 974
Additional Information			

The values listed above are tested in accordance with JIS K test methods.Rebound Resilience: 43%

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