

## Monmouth Rubber & Plastics Superbounce 57 NEO/SBR

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

Information provided by Monmouth Rubber & Plastics Corp.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Monmouth-Rubber-Plastics-Superbounce-57-NEOSBR.php](http://www.lookpolymers.com/polymer_Monmouth-Rubber-Plastics-Superbounce-57-NEOSBR.php)

Physical Properties	Metric	English	Comments
Density	>= 0.224 g/cc	>= 0.00810 lb/in <sup>3</sup>	
Water Absorption	<= 2.0 %	<= 2.0 %	ASTM D1056

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	56 - 62	56 - 62	ASTM D2240
Tensile Strength	1.31 MPa	190 psi	ASTM D2000
Elongation at Break	250 %	250 %	ASTM D2000
Compressive Strength	0.0621 - 0.0965 MPa	9.00 - 14.0 psi	0.25; ASTM D1056
	0.186 - 0.228 MPa	27.0 - 33.0 psi	0.5; ASTM D1056
Tear Strength	3.51 kN/m	20.0 pli	Die C; ASTM D3575 Suf. G
Compression Set	5.0 %	5.0 %	
	@Time 86400 sec	@Time 24.0 hour	
	8.0 %	8.0 %	
	@Time 3600 sec	@Time 1.00 hour	
	12 %	12 %	
	@Time 299 sec	@Time 0.0830 hour	
	13 %	13 %	
	@Time 60.0 sec	@Time 0.0167 hour	
	18 %	18 %	
	@Time 5.00 sec	@Time 0.00139 hour	

Descriptive Properties	Value	Comments
C/D Heat Aging	0.3	7 days @158 <sup>o</sup> F, Change; ASTM D1056
Color	Black	

Descriptive Properties	Value	Comments
	0.9	60 sec; ASTM D1056
	0.94	5 mins; ASTM D1056
	0.94	60 mins; ASTM D1056
	0.95	24 hrs; ASTM D1056

## Contact Songhan Plastic Technology Co.,Ltd.

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