

## Monmouth Rubber & Plastics Superbounce 90 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-90-NEOSBR.php](http://www.lookpolymers.com/polymer_Monmouth-Rubber-Plastics-Superbounce-90-NEOSBR.php)

Physical Properties	Metric	English	Comments
Density	>= 0.721 g/cc	>= 0.0260 lb/in <sup>3</sup>	
Water Absorption	<= 1.0 %	<= 1.0 %	ASTM D1056

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	80 - 90	80 - 90	ASTM D2240
Tensile Strength	8.791 MPa	1275 psi	ASTM D2000
Elongation at Break	862 %	862 %	ASTM D2000
Compressive Strength	0.517 - 0.586 MPa	75.0 - 85.0 psi	0.25; ASTM D1056
Tear Strength	42.1 kN/m	240 pli	Die C; ASTM D3575 Suf. G
Compression Set	8.0 %	8.0 %	
	@Time 86400 sec	@Time 24.0 hour	
	10 %	10 %	
	@Time 3600 sec	@Time 1.00 hour	
	14 %	14 %	
	@Time 60.0 sec	@Time 0.0167 hour	
	14 %	14 %	
	@Time 299 sec	@Time 0.0830 hour	
	20 %	20 %	
	@Time 5.00 sec	@Time 0.00139 hour	

Descriptive Properties	Value	Comments
C/D Heat Aging	0.3	7 days @158°F, Change; ASTM D1056
Color	Black	
Compression Recovery	0.9	5 sec; ASTM D1056

Descriptive Properties	Value	Comments M D1056
	0.95	5 mins; ASTM D1056
	0.95	60 mins; ASTM D1056
	0.96	24 hrs; ASTM D1056
Fluid Immersion	0.2	Oil, Ref Fuel B, ASTM D1056
G Max Rating Vertical energy input	163 G's	8.8/FT Second; ASMT F1292-99
	235 G's	10.5/FT Second; ASMT F1292-99
	86 G's	6.6/FT Second; ASMT F1292-99

## Contact Songhan Plastic Technology Co.,Ltd.

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