

## Monmouth Rubber & Plastics Durafoam, S88 PVC/NBR

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-Durafoam-S88-PVCNBR.php](http://www.lookpolymers.com/polymer_Monmouth-Rubber-Plastics-Durafoam-S88-PVCNBR.php)

Physical Properties	Metric	English	Comments
Density	0.0961 g/cc	0.00347 lb/in <sup>3</sup>	ASTM D1056
Water Absorption	<= 0.10 %	<= 0.10 %	ASTM D1667
	<= 5.0 %	<= 5.0 %	ASTM D1056
Linear Mold Shrinkage	<= 0.050 cm/cm @Temperature 70.0 Â°C, Time 605000 sec	<= 0.050 in/in @Temperature 158 Â°F, Time 168 hour	

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	50	50	
Tensile Strength	>= 0.827 MPa	>= 120 psi	ASTM D412
Elongation at Break	>= 175 %	>= 175 %	ASTM D412
Compressive Strength	0.0448 MPa	6.50 psi	Deflection @ 25%; ASTM D1056
Compression Set	<= 25 %	<= 25 %	0.5; ASTM D1056

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	-23.3 Â°C	-10.0 Â°F	
Minimum Service Temperature, Air	107 Â°C	225 Â°F	

Descriptive Properties	Value	Comments
C/D Heat Aging	<30%	7 days @ 158Â°F, ASTM D1056
Color	Grey	
Fluid Immersion	<50%	ASTM D1056
Ozone Resistance	0	72 hrs @ 50 pphm, ASTM D1171
Resilience	12-18%	(1/2" thk. @ 72Â°F) Bashore (% Rebounded Average)

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**