

Vibrathane® B892

Polyurethane (Polyether, TDI)

Chemtura

Message:

VIBRATHANE B892 is a TDI terminated, polyether based prepolymer. The prepolymer is a liquid at room temperature. VIBRATHANE B892 yields a 91 Shore A hardness urethane when cured with MBCA.

General Information			
Forms	Liquid		
Hardness	Nominal Value	Test Method	
Durometer Hardness (Shore A)	91	ASTM D2240	
Mechanical	Nominal Value	Unit	Test Method
Compressive Strength			ASTM D695
5% Strain	1.86	MPa	
10% Strain	2.83	MPa	
15% Strain	4.62	MPa	
20% Strain	6.69	MPa	
25% Strain	9.31	MPa	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	7.38	MPa	
300% Strain	14.2	MPa	
Tensile Strength	27.6	MPa	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Tear Strength			
-- 1	86.3	kN/m	ASTM D624
Split	14	kN/m	ASTM D470
Compression Set	35	%	ASTM D395B
Bayshore Resilience	30	%	ASTM D2632
Thermoset	Nominal Value	Unit	
Pot Life	6.0	min	
Demold Time	30	min	
NOTE			
1.	Die C		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

