

Vibrathane® B875

Polyurethane (Polyether, MDI)

Chemtura

Message:

VIBRATHANE B875 is an MDI-terminated, polyether based prepolymer. The prepolymer is a liquid at room temperature. VIBRATHANE B875 yields a 95 Shore hardness urethane when cured with 1,4 Butanediol.

General Information			
Forms	Liquid		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	95		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Compressive Strength			ASTM D695
5% Strain	1.90	MPa	
10% Strain	3.43	MPa	
15% Strain	5.05	MPa	
20% Strain	7.15	MPa	
25% Strain	9.88	MPa	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	8.69	MPa	
200% Strain	10.3	MPa	
300% Strain	11.8	MPa	
Tensile Strength	16.5	MPa	ASTM D412
Tensile Elongation (Break)	480	%	ASTM D412
Tear Strength			
-- ¹	78.8	kN/m	ASTM D624
Split	20	kN/m	ASTM D470
Compression Set (80°C, 22 hr)	30	%	ASTM D395
Bayshore Resilience	50	%	ASTM D2632
Thermoset	Nominal Value	Unit	
Pot Life	5.0	min	
Post Cure Time (115°C)	4.0	hr	
Uncured Properties	Nominal Value	Unit	
Curing Time (82°C)	1.0	hr	
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.

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



WECHAT