

Vibrathane® B895

Polyurethane (Polyether, MDI)

Chemtura

Message:

VIBRATHANE B895 is an MDI-terminated, polyether based prepolymer. The prepolymer is a liquid at room temperature. VIBRATHANE B895 yields a 90 Shore hardness urethane when cured with 1,4 Butanediol and a 95 Shore A when cured with an 80/20 weight ratio of HQEE/1,4 BD. VIBRATHANE B895, at processing temperature, is low in viscosity and has a working life suitable for both machine and hand-batching procedures. Typical applications for this product include skate wheels.

General Information			
Features	Low Viscosity		
Uses	Wheels		
Forms	Liquid		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	95		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	10.3	MPa	
200% Strain	11.7	MPa	
300% Strain	13.1	MPa	
Tensile Strength	16.9	MPa	ASTM D412
Tensile Elongation (Break)	510	%	ASTM D412
Tear Strength			
-- 1	89.3	kN/m	ASTM D624
Split	21	kN/m	ASTM D470
Compression Set (70°C, 22 hr)	29	%	ASTM D395B
Bayshore Resilience	44	%	ASTM D2632
Thermoset	Nominal Value	Unit	
Pot Life	2.0	min	
Demold Time	15	min	
Post Cure Time (115°C)	3.5	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.

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

