

Vibrathane® B629

Polyurethane (Polyether, TDI)

Chemtura

Message:

VIBRATHANE B629 is a polyether based TDI terminated liquid urethane prepolymer. When cured with MOCA, this member of the VIBRATHANE family produces high performance vulcanizates in the 93 Shore A hardness range.

General Information			
Forms	Liquid		
Hardness	Nominal Value	Test Method	
Durometer Hardness (Shore A)	93	ASTM D2240	
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	11.7	MPa	
300% Strain	22.8	MPa	
Tensile Strength	43.4	MPa	ASTM D412
Tensile Elongation (Break)	410	%	ASTM D412
Tear Strength			
-- 1	105	kN/m	ASTM D624
Split	25	kN/m	ASTM D470
Compression Set (70°C, 22 hr)	35	%	ASTM D395B
Bayshore Resilience	41	%	ASTM D2632
Thermoset	Nominal Value	Unit	
Pot Life	8.0	min	
Post Cure Time (100°C)	16	hr	
NOTE			

1. Die C

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