

Vibrathane® 6007

Polyurethane (Polyester, TDI)

Chemtura

Message:

VIBRATHANE 6007 is a TDI-polyester based liquid prepolymer that is designed for general use in coating roll applications. This high performance resin yields a 57 Shore A elastomer when cured with triol blends such as TMP/ TIPA.

General Information			
Uses	Coating Applications		
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.998	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	57		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	2.14	MPa	
300% Strain	5.72	MPa	
Tensile Strength	26.2	MPa	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Tear Strength			
-- 1	35.0	kN/m	ASTM D624
Split	25	kN/m	ASTM D470
Bayshore Resilience	10	%	ASTM D2632
Thermoset	Nominal Value	Unit	
Post Cure Time (23°C)	340	hr	
Uncured Properties	Nominal Value	Unit	
Curing Time (120°C)	16	hr	
NOTE			
1.	Die C		

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