



TSE Industries, Inc.

4370 112th Terrace North
Clearwater, FL 33762 (USA)
727-573-7676 or 800-237-7634 www.tse-industries.com

Formula ID 2294 Compound XP-8226-B Cure: S Color: NB

Urethane Type: Polyester

Application: 51 Shore A Non-Black, Sulfur Cured, Millathane® HT Premilled Compound

Millathane® HT Premilled	101.50	Durometer, Shore A	51	
Zinc Stearate	0.50	Durometer, Shore D		
Ultrasil VN3	10.00	Durometer, Asker C		
DBEEA (TP-95)	5.00	25% Modulus, psi		MPa
Struktol WB-222	1.00	50% Modulus, psi		MPa
MBTS	4.00	100% Modulus, psi	150	1.0 MPa
MBT	2.00	200% Modulus, psi	265	1.8 MPa
Thanecure® ZM	1.00	300% Modulus, psi	470	3.2 MPa
Sulfur	1.50	Tensile Strength, psi	3480	24.0 MPa
		Elongation,%	615	
		Tear Die C, lb/in.	115	20.1 kN/m
		Tear Die B, lb/in.	158	27.7 kN/m
		Tear Die T, lb/in.		kN/m
		Specific Gravity, g/cc	1.181	
		CureTime, minutes	13	
		Cure Temp°F	320	160 °C
		Mooney Viscosity, ML4/100°C	42	
		Heat Aging <input type="text"/> Hrs at <input type="text"/> °C		
		Hardness Change, pts.		
		Tensile Change, %		
		Elongation Change, %		
		Fluid Aging <input type="text"/> Hrs at <input type="text"/> °C		
		Hardness Change, pts.		
		Tensile Change, %		
		Elongation Change, %		
		Volume Change, %		
		Surface Resistivity, ohm/cm ²	5.0E+09	
		Volume Resistivity, ohm-cm		
		UL 94 Rating:		
	Total		126.50	
Brittle Point, °C				
TR10, °C (ASTM D1329)				
Bashore Resilience, %	22			
DIN Abrasion, mm ³ loss	118			
Compression Set 22h/70°C, %	61			
Compression Set 70h/70°C, %				
Compression Set 22h/100°C, %				
Compression Set 70h/100°C, %				
Compression Set 22h/125°C, %				
Compression Set 22h/150°C, %				
Compression Set, Other conditions:				
	<input type="text"/> h/ <input type="text"/> °C, %			

Other Tests and Info:

Rheometer: MDR at 160°C: tc90 = 12.6 min.

7/24/2017

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