



Formula ID 2303 Compound XP-8219-B Cure: P Color: NB
Urethane Type: Polyester
Application: 90 Shore A Non-Black, Peroxide-Cured Millathane® HT Premilled Compound

Millathane® HT Premilled	101.50	Durometer, Shore A	90	
Stearic Acid	0.30	Durometer, Shore D		
Wacker HDK-N20 fumed silica	35.00	Durometer, Asker C		
Silquest RC-1	0.70	25% Modulus, psi		MPa
DBEEA (TP-95)	5.00	50% Modulus, psi		MPa
Struktol WB-222	0.50	100% Modulus, psi	1635	11.3 MPa
SR 517	5.00	200% Modulus, psi	3000	20.7 MPa
SR 231 (DEGDMA)	3.00	300% Modulus, psi		MPa
DiCup 40C	1.25	Tensile Strength, psi	3065	21.1 MPa
		Elongation, %	205	
		Tear Die C, lb/in.	168	29.4 kN/m
		Tear Die B, lb/in.	296	51.8 kN/m
		Tear Die T, lb/in.		kN/m
		Specific Gravity, g/cc	1.324	
		CureTime, minutes	15	
		Cure Temp°F	320	160 °C
		Mooney Viscosity, ML4/100°C		
		Heat Aging 24 Hrs at 150 °C		
		Hardness Change, pts.	2	
		Tensile Change, %	10	
		Elongation Change, %	-22	
		Fluid Aging Oil, IRM 903		
		24 Hrs at 70 °C		
		Hardness Change, pts.	1	
		Tensile Change, %	4	
		Elongation Change, %	0	
		Volume Change, %	0.2	
		Surface Resistivity, ohm/cm ²		
		Volume Resistivity, ohm-cm		
		UL 94 Rating:		
		Total	152.25	
Brittle Point, °C				
TR10, °C (ASTM D1329)				
Bashore Resilience, %	29			
DIN Abrasion, mm ³ loss	143			
Compression Set 22h/70°C, %	19			
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:				
	h/ °C, %			

Other Tests and Info:

10/1/2020

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