

Formula ID 2396 Compound X	P-8275-B	Cure: S	Color:	NB
			Urethane Type:	Polyether
Application: <u>90 Shore A Non-Black, Sulfur-Cured Millathane® 55 Compound</u>				
				00
Millathane® 55	80.00	Durometer, Shore A Durometer, Shore D		90 43
Pliolite S6B	20.00	Durometer, Asker C		45
Zinc Stearate	0.50	25% Modulus, psi		MPa
Ultrasil VN3	45.00	50% Modulus, p		MPa
Silquest A189	0.90	100% Modulus,	•	1050 7.2 MPa
Struktol WB-222	1.00	200% Modulus,	•	1710 11.8 MPa
AC617A Polyethylene	1.00	300% Modulus,	•	2440 16.8 MPa
DBEEA (TP-95)	3.00	Tensile Strength Elongation,%	n, psi	3340 23.0 MPa 415
MBTS	4.00	2	_	
MBT	2.00	Tear Die C, lb/ir Tear Die B, lb/ir		298 52.2 kN/m 606 106.1 kN/m
	1.00	Tear Die D, Ib/in		66 11.6 kN/m
Thanecure® ZM				
PB (RMS)-80	2.50	Specific Gravity	•	1.234
		CureTime, minu	ites	9
		Cure Temp°F		320 160 °C
		Mooney Viscosi	ty, ML4/100°C	101
Total	160.90	Heat Aging	Hrs at	°C
Brittle Point, °C		Hardness Change, pts.		
TR10, °C (ASTM D1329)		Tensile Change, %		
Bashore Resilience, %	37	Elongation Change, %		
DIN Abrasion, mm <sup>3</sup> loss	106	Fluid Aging		
			Hrs at	°C
Compression Set 22h/70°C, %	61	Hardness Cha		
Compression Set 70h/70°C, %		Tensile Change, % Elongation Change, % Volume Change, %		
Compression Set 22h/100°C, %				
Compression Set 70h/100°C, % Compression Set 22h/125°C, %		Surface Resistivity, ohm/cm <sup>2</sup>		
Compression Set 22h/150°C, %		Volume Resistivity, ohm-cm UL 94 Rating:		
Compression Set, Other conditions:				
h/ °C,%				
Other Tests Pliolite S6B, a high styrene resin, needs to be fluxed into the Millathane 55 at >100°C. PB(RMS)-80 is an 80% sulfur dispersion				
and Info: sulfur dispersion				

## 10/1/2020

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