



TSE Industries, Inc.
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 Clearwater, FL 33762 (USA)
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Formula ID	1593	Compound No.	XP-5742-H	Cure:	S
		Color:	B	Type:	Polyester

Application: 66 Shore A Antistatic/Semi-Conductive Millathane® 76 Compound

Millathane® 76	100.00	Durometer, Shore A	66	
Zinc Stearate	0.50	Durometer, Shore D		
XC-72 black	40.00	100% Modulus, psi	385	2.7 MPa
DBEEA (TP-95)	15.00	200% Modulus, psi	845	5.8 MPa
Struktol WB-222	1.00	300% Modulus, psi	1380	9.5 MPa
Millstab P	1.00	Tensile Strength, psi	3300	22.8 MPa
MBTS	4.00	Elongation, %	600	
MBT	2.00	Tear Die C, lb/in.	221	38.7 kN/m
Thanecure® ZM	1.00	Tear Die B, lb/in.	413	72.3 kN/m
Sulfur	1.50	Specific Gravity, g/cc	1.290	
		CureTime, minutes	7	
		Cure Temp°F	320	160 °C
		Mooney Viscosity, ML4/100°C	45	
		Bashore Resilience, %	26	
Total	166.00	DIN Abrasion, mm³ loss	58	
		Compression Set 22h/70°C, %	36	
		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:		
				%Set

Brittle Point, °C
 TR10, °C (ASTM D1329)
 Surface Resistivity, ohm/cm²
 Volume Resistivity, ohm-cm
 UL 94 Rating:

Heat Aging Hrs at °C
 Hardness Change, pts.
 Tensile Change, %
 Elongation Change, %

Fluid Aging Hrs at °C
 Hardness Change, pts.
 Tensile Change, %
 Elongation Change, %
 Volume Change, %

Other Tests and Info:	Resistivity tester only measures powers of 10, so the "5.0" of the surface resistivity is estimated.
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