TSE Industries, Inc.
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Clearwater, FL 33762 (USA)
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Formula ID	952	Compound No.	XP-4666-A	Cure:	P
		Color:	NB	Type:	Polyester

Application: 53 Shore A White Millathane® 5004 Molding Compound

Millathane® 5004	100.00
Stearic Acid	0.30
Hi-Sil 243LD	13.00
DBEEA (TP-95)	15.00
Stabaxol P	2.00
Silquest A-172	0.30
Struktol WB-222	1.00
Titanium Dioxide	1.00
SR 231	2.00
DiCup 40C	5.00
Total	139.60

Durometer, Shore A	53	
Durometer, Shore D		
100% Modulus, psi	215	1.5 MPa
200% Modulus, psi	390	2.7 MPa
300% Modulus, psi	645	4.4 MPa
Tensile Strength, psi	3290	22.7 MPa
Elongation,%	645	
Tear Die C, lb/in.	186	32.6 kN/m
Specific Gravity, g/cc	1.190	
CureTime, minutes	15	
Cure Temp°F	320	160 °C
Mooney Viscosity, ML4/100°C	37	
Bashore Resilience, %	49	
Brittle Point, °C		
Compression Set 22h/70°C, %	15	
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:
Hrs ºC %Set

Surface Resistivity, ohm/cm²	
Volume Resistivity, ohm-cm	
DIN Abrasion, mm³ loss	73
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:

6/27/2006

The recommendations for the use of our products are based on tests believed to be reliable. However, we do not guarantee the results to be obtained by others under different conditions. Nothing in this literature is intended as a recommendation to use our products so as to infringe on any patent. Millathane, Thanecure and Crystal are registered trademarks of TSE Industries, Inc.