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

Formula ID 706 Compound No. U250-3 Cure: P

Color: NB Type: Polyester

Application: 90 Shore A Non-Black Millathane® 76 Compound

Millathane® 76	100.00
Stearic Acid	0.50
AC617A Polyethylene	2.00
Hi-Sil 243LD	22.50
Millacal Plus	22.50
Yellow color	2.00
Titanium Dioxide	5.00
SR 297	18.00
DiCup 40C	3.00
Total	175.50

Durometer, Shore A	90	
Durometer, Shore D		
100% Modulus, psi	1335	9.2 MPa
200% Modulus, psi	2654	18.3 MPa
300% Modulus, psi		MPa
Tensile Strength, psi	2654	18.3 MPa
Elongation,%	200	
Tear Die C, lb/sq. in.	274	48.0 kN/m
Specific Gravity, g/cc		
CureTime, minutes	7	
Cure Temp°F	320	160 °C
Mooney Viscosity, ML4/100°C		
Bashore Resilience, %		
Brittle Point, °C		
Compression Set 22h/70°C, %		
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	
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: ODR at 320ºF (160ºC), minimum torque 4.3 lb-in (4.9) dNm)

3/23/2005

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.