TSE INDUSTRIES, INC.
5180 113th Avenue North, Clearwater, Florida 33760 USA
tse-industries.com
(800) 237-7634 | (727) 573-7676

Formula ID 2294 Compound XP-8226-B Cure: S Color: NB

Urethane Type: Polyester

Application: 51 Shore A Non-Black, Sulfur Cured, Millathane® HT Premilled Compound

Millathane® HT Premilled	101.50
Zinc Stearate	0.50
Ultrasil VN3	10.00
DBEEA (TP-95)	5.00
Struktol WB-222	1.00
MBTS	4.00
MBT	2.00
Thanecure® ZM	1.00
Sulfur	1.50
Total	126.50

Durometer, Shore A	51		
Durometer, Shore D			
Durometer, Asker C			
25% Modulus, psi			MPa
50% Modulus, psi			MPa
100% Modulus, psi	150	1.0	MPa
200% Modulus, psi	265	1.8	MPa
300% Modulus, psi	470	3.2	MPa
Tensile Strength, psi	3480	24.0	MPa
Elongation,%	615		
Tear Die C, lb/in.	115	20.1	kN/m
Tear Die B, lb/in.	158	27.7	kN/m
Tear Die T, lb/in.			kN/m
Specific Gravity, g/cc	1.181		
CureTime, minutes	13		
Cure Temp°F	320	160	°C
Mooney Viscosity, ML4/100°C	42		

Brittle Point, °C	
TR10, °C (ASTM D1329)	
Bashore Resilience, %	22
DIN Abrasion, mm³ loss	118

Compression Set 22h/70°C, %	61
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,%	

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, %	
Surface Resistivity, ohm/cm²	5.0E+09
Volume Resistivity, ohm-cm	
UL 94 Rating:	

Other Tests and Info: Rheometer: MDR at 160°C: tc90 = 12.6 min.

10/1/2020

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