

Formula ID 661 Compound X	P-3162	Cure: S	Color:	NB	
			Urethane Type:	Polyest	er Blend
Application: 40 Shore A, Red, Sulfur cured, Millathane® 76**/CM Tester Pads					
Millathane® 76**	70.00	Durometer, Shor Durometer, Shor		40	
Millathane® CM	30.00	Durometer, Asker C			
Zinc Stearate	0.50	25% Modulus, psi			MPa
AC617A Polyethylene	2.00	50% Modulus, p			MPa
Hi-Sil 233	5.00	100% Modulus, p		86	0.6 MPa
Akrofax 11LG	5.00	200% Modulus, p		151	1.0 MPa
DBEEA (TP-95)	23.00	300% Modulus, p		237	1.6 MPa
Cumar P-10	5.00	Tensile Strength Elongation,%	, psi	1613 650	11.1 MPa
Red Iron Oxide	2.00	Tear Die C, lb/in.		93	16.3 kN/m
MBTS	4.00	Tear Die C, Ib/in.		93	kN/m
MBT	2.00	Tear Die T, lb/in.			kN/m
Thanecure® ZM	1.00	Specific Gravity,			
Sulfur	2.00	CureTime, minut	•	45	
Sulu	2.00	Cure Temp°F	les	15 310	154 °C
		Mooney Viscosity		510	104 0
Total	151.50	-	-		
	151.50	Heat Aging	Hrs at	°C	
Brittle Point, °C		Hardness Change, pts.			
TR10, °C (ASTM D1329)		Tensile Change, % Elongation Change, %			
Bashore Resilience, %					
DIN Abrasion, mm ³ loss		Fluid Aging		° 0	
		Hardness Char	Hrs at	°C	
Compression Set 22h/70°C, %		Tensile Change, %			
Compression Set 70h/70°C, % Compression Set 22h/100°C, %		Elongation Change, %			
Compression Set 221/100°C, %		Volume Change, %			
Compression Set 22h/125°C, %		Surface Resistivity, ohm/cm ²			
Compression Set 22h/150°C, %		Volume Resistivity, ohm-cm			
Compression Set, Other condition	UL 94 Rating:				
h/ °C,%					
Other Tests Good processing low durometer compound. **Millathane 76M (Premilled) should be used in place of Millathane 76 (Virgin) for better hydrolysis resistance (it contains 1.5 phr hydrolysis stabilizer).					

10/1/2020

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