

ormula ID 519 Compound N	/166-78	Cure: P Color:	NB
		Urethane Type:	Polyester
Application: 70 Shore A, Yellow,	<u>Millathane</u>	® 66/66R Molding Compound	
Millathane® 66/66R**	100.00	Durometer, Shore A	70
Stearic Acid	0.20	Durometer, Shore D	
Hi-Sil 233	30.00	Durometer, Asker C	
Silquest A-172	0.50	25% Modulus, psi	MPa MPa
Irganox 1010	0.50	50% Modulus, psi 100% Modulus, psi	462 3.2 MPa
Irganox MD-1024	0.50	200% Modulus, psi	1016 7.0 MPa
Struktol WB-222	0.20	300% Modulus, psi	1683 11.6 MPa
Yellow	2.00	Tensile Strength, psi	3721 25.7 MPa
		Elongation,%	508
Luperox 231	2.50	Tear Die C, lb/in.	311 54.4 kN/m
		Tear Die B, lb/in.	kN/m
		Tear Die T, lb/in.	kN/m
		Specific Gravity, g/cc	
		CureTime, minutes	7
		Cure Temp°F	300 149 °C
		Mooney Viscosity, ML4/100°C	
Total	136.40	Heat Aging Hrs at	°C
Brittle Point, °C		Hardness Change, pts.	
TR10, °C (ASTM D1329)		Tensile Change, %	
Bashore Resilience, %		Elongation Change, %	
DIN Abrasion, mm³ loss		Fluid Aging	
		Hrs at	°C
Compression Set 22h/70°C, %		Hardness Change, pts.	
Compression Set 70h/70°C, %		Tensile Change, % Elongation Change, %	
Compression Set 22h/100°C, %		Volume Change, %	
Compression Set 70h/100°C, % Compression Set 22h/125°C, %		Surface Resistivity, ohm/cm²	
Compression Set 22h/120°C, %		Volume Resistivity, ohm-cm	
Compression Set, Other condition	is:	UL 94 Rating:	
h/ °C,%		3	
Other Tests **Millathane 66 PREMILLE	D should be	used at 101.5 phr, as it contains 1.5 phr of h	ydrolysis stabilizer, or
hydrolysis stabilizer (e.g.,	Millstab P) sl	hould be added to the formula at 1-3 phr, for b	oetter hydrolysis resistance