



Formula ID 706 Compound U250-3

Cure: P Color: NB

Urethane Type: Polyester

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

Millathane® 76 Premilled	101.50	Durometer, Shore A	90	
Stearic Acid	0.50	Durometer, Shore D		
AC617A Polyethylene	2.00	Durometer, Asker C		
Hi-Sil 243LD	22.50	25% Modulus, psi		MPa
Millacal Plus	22.50	50% Modulus, psi		MPa
Yellow color	2.00	100% Modulus, psi	1335	9.2 MPa
Titanium Dioxide	5.00	200% Modulus, psi	2654	18.3 MPa
SR 297	18.00	300% Modulus, psi		MPa
DiCup 40C	3.00	Tensile Strength, psi	2654	18.3 MPa
		Elongation, %	200	
		Tear Die C, lb/in.	274	48.0 kN/m
		Tear Die B, lb/in.		kN/m
		Tear Die T, lb/in.		kN/m
		Specific Gravity, g/cc		
		Cure Time, minutes	10	
		Cure Temp °F	320	160 °C
		Mooney Viscosity, ML4/100°C		
	Total	177.00	Heat Aging	<input type="text"/> Hrs at <input type="text"/> °C
Brittle Point, °C			Hardness Change, pts.	<input type="text"/>
TR10, °C (ASTM D1329)			Tensile Change, %	<input type="text"/>
Bashore Resilience, %			Elongation Change, %	<input type="text"/>
DIN Abrasion, mm ³ loss			Fluid Aging	<input type="text"/> Hrs at <input type="text"/> °C
Compression Set 22h/70°C, %			Hardness Change, pts.	<input type="text"/>
Compression Set 70h/70°C, %			Tensile Change, %	<input type="text"/>
Compression Set 22h/100°C, %			Elongation Change, %	<input type="text"/>
Compression Set 70h/100°C, %			Volume Change, %	<input type="text"/>
Compression Set 22h/125°C, %			Surface Resistivity, ohm/cm ²	<input type="text"/>
Compression Set 22h/150°C, %			Volume Resistivity, ohm-cm	<input type="text"/>
Compression Set, Other conditions:			UL 94 Rating:	<input type="text"/>
	<input type="text"/> h/ <input type="text"/> °C, %			

Other Tests and Info:

ODR at 320°F (160°C), minimum torque 4.3 lb-in (4.9) dNm