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

Formula ID	154	Compound No.	E34-245	Cure:	P
		Color:	NB	Type:	Polyether

Application: 89 Shore A Gray/Black Millathane® E34 Roller

Millathane® E34	100.00	Durometer, Shore A	89		
Stearic Acid	0.50	Durometer, Shore D			
AC617A Polyethylene	3.00	100% Modulus, psi			MPa
Struktol WB 222	1.00	200% Modulus, psi			MPa
Polyfil HG90	80.00	300% Modulus, psi			MPa
Silquest A-172	0.80	Tensile Strength, psi	2881	19.9	MPa
N220 Black	2.00	Elongation,%	179		
SR 350	12.50	Tear Die C, lb/sq. in.	210	36.8	kN/m
Varox DBPH-50	2.50	Specific Gravity, g/cc			
		CureTime, minutes	8		
		Cure Temp°F	320	160	°C
		Mooney Viscosity, ML4/100°C			
		Bashore Resilience, %			
		Brittle Point, °C			
Total	202.30	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, %			

Surface Resistivity, ohm/cm²	
Volume Resistivity, ohm-cm	
DIN Abrasion, mm³ loss	
UL 94 Rating:	

Compression Set - Other Conditions:
Hrs ºC %Set

Heat Aging	Hrs at °C	**Fluid Aging**	Hrs at °C
Hardness Change, pts.		Hardness Change, pts.	
Tensile Change, %		Tensile Change, %	
Elongation Change, %		Elongation Change, %	
		Volume Change, %	

Other Tests and Info: Roller steam wrap cure

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.