

Formula ID 1027 Compound	(P-5104-A	Cure:	Р	Color:	NB	
				Urethane Type	: Polyeth	ner
Application: 85 Shore A Transpar	rent, Peroxi	de Cured, M	illatha	ne® E40 Comp	ound-Diaph	<u>ragm</u>
Millathane® E40	100.00	Durometer	, Shor	e A	85	
Stearic Acid	0.50	Durometer	,			
Wacker HDK-N20 fumed silica	20.00	Durometer				
SR 231	16.00	25% Modu 50% Modu			MPa MPa	
Irganox 1010	0.25	100% Mod		785	5.4 MPa	
DiCup R	0.50	200% Modulus, psi			1410	9.7 MPa
_ · · · · · ·		300% Mod				MPa
		Tensile Str		, psi	2290	15.8 MPa
		Elongation			290	
		Tear Die C, Ib/in. Tear Die B, Ib/in.			255	44.6 kN/m kN/m
		Tear Die D			kN/m	
		Specific G			1.140	
		CureTime, minutes		-	6	
		Cure Temp			320	160 °C
		Mooney Vi	scosity	y, ML4/100°C	28	
Total	137.25	Heat Aging	g	Hrs at	°C	
Brittle Point, °C		Hardness				
TR10, °C (ASTM D1329)	Tensile C					
Bashore Resilience, %		Elongation Change, %				
DIN Abrasion, mm ³ loss		Fluid Agin	g			
		Hordnood	Char	Hrs at	°C	
Compression Set 22h/70°C, %		Hardness Change, pts. Tensile Change, %				
Compression Set 70h/70°C, %		Elongatio				
Compression Set 221/100°C, %		Volume C	Change	e, %		
Compression Set 22h/125°C, %		Surface Resistivity, ohm/cm ²				
Compression Set 22h/150°C, %		Volume Resistivity, ohm-cm				
Compression Set, Other conditions:		UL 94 Rating:				
Other Tests Compound is honey-colored		arent				
and Info:	,					

10/1/2020

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