



ELECTRICAL APPLICATION

Capacitor gasket

70 Shore A, IIR, sulfur cure

Guide formulation of HOFFMANN MINERAL			M 231.0/1
Exxon Butyl 365			100
Stearic acid			1
Zinkoxyd aktiv			3
Corax N 330			50
AKTISIL PF 216			100
Dispergator FL			1
DTDM			2
Perkacit TDEC			3
TMTD			1
Total phr			261
Density		g/cm ³	1.44
Mooney Viscosity			
ML (1+4) 120°C	DIN 53523, T3	MU	58
Mooney Scorch			
ML (5 MU) 120°C	DIN 53523, T4	min	16.6
Rheometer, 190°C			
t ₅	DIN 53529, T3	min	1.1
t ₉₀	DIN 53529, T3	min	3.2
Physical properties			
Press cure 5 min @ 190°C			
Hardness	DIN ISO 7619-1	Shore A	71
Modulus 100 %	DIN 53504, S2	MPa	3.1
Modulus 300 %	DIN 53504, S2	MPa	7.1
Tensile strength	DIN 53504, S2	MPa	8.2
Elongation at break	DIN 53504, S2	%	390
Rebound	DIN 53512	%	9
Tear resistance	DIN ISO 34-1, A	N/mm	12.1
Compression set	DIN ISO 815, B		
72 h @ 105°C, 25 % deflection		%	44

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