

Cure: P Formula ID 1763 Compound XP-5752-G Color: NB Urethane Type: Polvether Application: 47 Shore A, Transparent Millathane® 97 Molding Compound Millathane® 97 100.00 Durometer, Shore A 47 Durometer, Shore D Stearic Acid 0.25 Durometer, Asker C Wacker HDK-N20 fumed silica 15.00 25% Modulus, psi MPa 0.30 Silquest A-172 50% Modulus, psi MPa 100% Modulus, psi Kettlitz Mediaplast NB-4 15.00 160 1.1 MPa 200% Modulus, psi 235 1.6 MPa 0.25 Irganox 1010 300% Modulus, psi 385 2.7 MPa Tinuvin 328 0.25 Tensile Strength, psi 2430 16.8 MPa Tinuvin 765 0.25 Elongation,% 675 SR 231 (DEGDMA) 4.00 Tear Die C, lb/in. 120 21.0 kN/m Luperox 231 0.60 Tear Die B, lb/in. 175 30.6 kN/m Tear Die T, lb/in. kN/m Specific Gravity, g/cc 1.060 CureTime, minutes Cure Temp°F 302 150 °C Mooney Viscosity, ML4/100°C 54 Total 135.90 °C **Heat Aging** Hrs at Brittle Point, °C Hardness Change, pts. TR10, °C (ASTM D1329) Tensile Change, % Elongation Change, % 57 Bashore Resilience, % Fluid Aging DIN Abrasion, mm³ loss 63 Hrs at °C Hardness Change, pts. Compression Set 22h/70°C, % 26 Tensile Change, % Compression Set 70h/70°C, % 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/150°C, % Volume Resistivity, ohm-cm Compression Set, Other conditions: UL 94 Rating: h/ °C,% Other Tests Millathane 97 of very high viscosity (93) was used. Wacker HDK N20 is similar to Cabot Cabosil M5. and Info:

10/1/2020