

TSE Industries Millathane® 26 Millable Polyether Urethane for Food Contact Applications

Category : Polymer , Thermoset , Polyurethane, TS

Material Notes:

Millathane 26 is a polyether polyurethane rubber compliant with the United States Code of Federal Regulations*, Title 21 parts 177.1680 and 177.2600. This polyurethane rubber is designed for food contact applications such as belting, rollers, seals, gaskets, linings, socks, boots, lagging, curtains, and hoses. Millathane 26 is peroxide-curable only. Typical Compound Properties Millathane 76 100.0 Stearic Acid 0.3 Ultrasil VN325TP-95 (DBEEA) 2.0 Struktol WB2221.0 DiCup 40C4.0 All information provided by TSE Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-26-Millable-Polyether-Urethane-for-Food-Contact-Applications.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.03 g/cc	1.03 g/cc	
Mooney Viscosity	30 - 60 @Temperature 100 °C	30 - 60 @Temperature 212 °F	ML(1+4)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	press cure 11 min./160°C
Tensile Strength, Yield	23.4 MPa	3390 psi	press cure 11 min./160°C
Elongation at Break	700 %	700 %	press cure 11 min./160°C
100% Modulus	0.00110 GPa	0.160 ksi	press cure 11 min./160°C
200% Modulus	0.00150 GPa	0.218 ksi	press cure 11 min./160°C
300% Modulus	0.00230 GPa	0.334 ksi	press cure 11 min./160°C
Tear Strength	29.1 kN/m	166 pli	Die C, press cure 11 min./160°C

Descriptive Properties	Value	Comments
Appearance	Pale to yellow sheets or bales	

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