

TSE Industries Millathane® 5004 Millable Polyurethane Elastomer with 4 PHR Varox DBPH-50

Category : Polymer , Thermoset , Polyester, TS , Polyurethane, TS , Thermoset Polyurethane, Elastomer, Unreinforced , Rubber or Thermoset Elastomer (TSE)

Material Notes:

MILLATHANE 5004 is a millable polyurethane elastomer having excellent processing characteristics. MILLATHANE 5004 stocks can be readily processed on conventional rubber equipment. Vulcanization is carried out by the use of various peroxides including dicumyl peroxide (DCP) or 2,5-dimethyl-2,5-bis (t-butylperoxy) hexane (DBPH).
Formulation Millathane 5004 100 Stearic Acid 0.25 Hi-Sil 23320 Varox DBPH-504
 All information provided by TSE Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-5004-Millable-Polyurethane-Elastomer-with-4-PHR-Varox-DBPH-50.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	
Tensile Strength, Yield	28.8 MPa	4170 psi	
Elongation at Yield	500 %	500 %	
300% Modulus	0.0101 GPa	1.46 ksi	
Tear Strength	70.0 kN/m	399 pli	ASTM Die C

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 152 °C	@Temperature 305 °F	

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