

TSE Industries Millathane® 5004 Millable Polyurethane Elastomer with 20 PHR Tricresyl Phosphate

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 N330 (HAF) Black 20 Di-Cup 40 C5 Tricresyl Phosphate 20
 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-20-PHR-Tricresyl-Phosphate.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	59	59	
Tensile Strength, Yield	22.3 MPa	3240 psi	
Elongation at Yield	540 %	540 %	
300% Modulus	0.00869 GPa	1.26 ksi	
Tear Strength	87.6 kN/m	500 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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