

## TSE Industries Millathane® 5004 Millable Polyurethane Elastomer, Hardness 76A

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 23340 Di-Cup 40C6 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-Hardness-76A.php](http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-5004-Millable-Polyurethane-Elastomer-Hardness-76A.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	76	76	
Tensile Strength, Yield	27.9 MPa	4050 psi	
Elongation at Yield	580 %	580 %	
300% Modulus	0.00655 GPa	0.950 ksi	
Tear Strength	64.8 kN/m	370 pli	ASTM Die C

Processing Properties	Metric	English	Comments
Cure Time	3.00 min	0.0500 hour	
	@Temperature 177 °C	@Temperature 350 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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