

## TSE Industries Millathane® 5004 Millable Polyurethane Elastomer, Hardness 84A

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 40C8 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-84A.php](http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-5004-Millable-Polyurethane-Elastomer-Hardness-84A.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	84	84	
Tensile Strength, Yield	25.2 MPa	3650 psi	
Elongation at Yield	400 %	400 %	
300% Modulus	0.0128 GPa	1.85 ksi	
Tear Strength	70.0 kN/m	399 pli	ASTM Die C

Processing Properties	Metric	English	Comments
Cure Time	4.00 min	0.0667 hour	
	@Temperature 177 °C	@Temperature 350 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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