

## TSE Industries Millathane® 5004 Millable Polyurethane Elastomer, 400°F Cure Temperature

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 0.25N330 (HAF) Black 20 Di-Cup 40C4 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-400F-Cure-Temperature.php](http://www.lookpolymers.com/polymer_TSE-Industries-Millathane-5004-Millable-Polyurethane-Elastomer-400F-Cure-Temperature.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	
Tensile Strength, Yield	29.6 MPa	4300 psi	
Elongation at Yield	450 %	450 %	
100% Modulus	0.00359 GPa	0.520 ksi	
200% Modulus	0.00827 GPa	1.20 ksi	
300% Modulus	0.0165 GPa	2.40 ksi	
Tear Strength	94.6 kN/m	540 pli	ASTM Die C

Processing Properties	Metric	English	Comments
Cure Time	2.00 min	0.0333 hour	
	@Temperature 204 °C	@Temperature 400 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China