

## Precision Polymer Engineering Perlast® G60T Perfluoroelastomer

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

A black perfluoroelastomer compound with excellent steam resistance and mechanical properties. It has extremely low outgassing properties. Applications: This grade is particularly suited to static applications and applications that require low sealing force. For use in applications which require long-term exposure to temperatures in excess of 260°C (500°F) and short term up to 310°C (590°F). Do not use any Perlast® grade with molten alkali metals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Precision-Polymer-Engineering-Perlast-G60T-Perfluoroelastomer.php](http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-Perlast-G60T-Perfluoroelastomer.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	°IRHD; ASTM D1415
	61	61	°IRHD, +1 change after 72 hours @ 250°C; ASTM D1415
Tensile Strength, Yield	14.24 MPa	2065 psi	-11% change after 72 hours @ 250°C; ASTM D412
	16.0 MPa	2320 psi	ASTM D412
Elongation at Break	180 %	180 %	ASTM D412
	201.6 %	201.6 %	12% change after 72 hours @ 250°C; ASTM D412
100% Modulus	0.00370 GPa	0.537 ksi	-50% change after 72 hours @ 250°C; ASTM D412
	0.00740 GPa	1.07 ksi	ASTM D412
Compression Set	27 %	27 %	24 hours @ 200°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	310 °C	590 °F	
Minimum Service Temperature, Air	-15.0 °C	5.00 °F	
Flash Point	>= 400 °C	>= 752 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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