

## Precision Polymer Engineering Perlast® G60A Perfluoroelastomer

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

### Material Notes:

A black general purpose perfluoroelastomer compound with excellent chemical resistance, steam resistance and mechanical properties.

Extremely low outgassing properties.Applications: Suitable for applications where a low sealing force or greater flexibility is required. 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-G60A-Perfluoroelastomer.php](http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-Perlast-G60A-Perfluoroelastomer.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	°IRHD; ASTM D1415
	64	64	°IRHD, +4 change after 72 hours @ 250°C; ASTM D1415
Tensile Strength, Yield	12.10 MPa	1755 psi	-18.8% change after 72 hours @ 250°C; ASTM D412
	14.9 MPa	2160 psi	ASTM D412
Elongation at Break	147 %	147 %	ASTM D412
	201 %	201 %	36.8% change after 72 hours @ 250°C; ASTM D412
100% Modulus	0.0061971 GPa	0.89883 ksi	-31.9% change after 72 hours @ 250°C; ASTM D412
	0.00910 GPa	1.32 ksi	ASTM D412
Compression Set	25 %	25 %	24 hours @ 200°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °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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