

Perlast® G90A

Perfluoroelastomer

Precision Polymer Engineering Ltd.

Message:

Perlast® G90A. Perfluoroelastomer 86-90 °IRHD. A black general purpose perfluoroelastomer compound with excellent chemical resistance. Exceptionally high chemical resistance and excellent steam resistance and mechanical properties. Extremely low outgassing properties. Do not use any Perlast® grade with molten alkali metals.

General Information			
Features	The degassing effect is low to no		
	Good chemical resistance		
	Steam resistance		
	General		
Appearance	Black		
Hardness	Nominal Value		Test Method
IRHD Hardness	86		ASTM D1415, ISO 48
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	19.0	MPa	ASTM D412, ISO 37
Tensile Strength (Yield)	23.0	MPa	ASTM D412, ISO 37
Tensile Elongation (Break)	110	%	ASTM D412, ISO 37
Compression Set			
200°C, 24 hr	22	%	ASTM D395B
200°C, 24 hr ¹	22	%	ISO 815
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air			
250°C, 72 hr	-10	%	ASTM D412, ISO 37
100% strain, 250°C, 72 hr	-45	%	ASTM D412
100% strain 250°C, 72 hr	-45	%	ISO 37
Change in Ultimate Elongation in Air (250°C, 72 hr)	45	%	ASTM D412, ISO 37
Change in IRHD Hardness in Air (250°C, 72 hr)	1.0		ASTM D573, ISO 188
Thermal	Nominal Value	Unit	
Maximum Operating Temperature	260	°C	
Additional Information			
Minimum Operating Temperature: -10°C (+14°F)			
NOTE			
1. Type B			

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT