



TYPICAL PROPERTIES HIMOD® 924

General Properties	Test Standard	Value English	Value Metric
Specific Gravity	D 792	1.51	1.51
Water Absorption, 24 Hrs. @ 73 ° F (23 ° C)	D 570	.05 %	.05 %
Rockwell Hardness	D785 M scale	105	105
Color		DARK GREY	DARK GREY
Mechanical Properties	Test Standard	Value English	Value Metric
Tensile Strength @ Break	D 638	20,400 psi	140 MPa
Compressive Strength	D 695	26,000 psi	179 MPa
Elongation at break	D 638	1.0 %	1.0 %
Flexural Strength	D 790	29,500 psi	203 MPa
Flexural Modulus	D 790	2,450,000 psi	16,900 MPa
Izod Impact Strength (Notched) (Unnotched)	D 256	.70 Ft – lb/in 5.1 Ft – lb/in	39 J/m 272 J/m
Thermal Properties	Test Standard	Value English	Value Metric
Continuous Service Temp.		500 ° F	260 ° C
Deflection Temperature, at 264 psi (1.82 MPa)	D 648	>500 ° F	>260° C
Coefficient of Thermal Expansion 73° F to 212° F	D 696	.16 in/ in/ °F*10 ⁻⁵	.29 m/m/ °C*10 ⁻⁵
Tribological	Test Standard	Value English	Value Metric
Wear Factor @73° F (23°C to 100 °C)	*	85 In/ (psi*fpm*hr)*10 ⁻¹⁰	1030 mm/ (*KPa*hr)*10 ⁻¹⁰
Dynamic Coefficient of Friction (Non Lubricated)	*	.36	.36
Limiting PV	*	45,000 psi *fpm	95 MPa*m/min

Original	Last Modified	Initiator
2-27-08	3-14-08	CAB

* Values obtained from standard Trelleborg Sealing Solutions Test Method

All statements, technical information and recommendations contained herein are presented in good faith, based upon tests believed to be reliable. These values may vary with applications of the product and it is the customer's responsibility to determine the suitability of any material for any given application. The user of this product is encouraged to contact PSS for technical assistance and to evaluate the product under actual service conditions. All information is given for reference only without warranty or guarantee.
Trelleborg Sealing Solutions