



TYPICAL PROPERTIES HIMOD® 914

General Properties	Test Standard	Value English	Value Metric
Specific Gravity	D 792	1.41	1.41
Water Absorption, 24 Hrs. @ 73 ° F (23 ° C)	D 570	.07 %	.07 %
Rockwell Hardness	D785 M scale	100	100
Color		DARK GREY	DARK GREY
Mechanical Properties	Test Standard	Value English	Value Metric
Tensile Strength @ Break	D 638	14,500 psi	100 MPa
Compressive Strength	D 695	19,500 psi	134 MPa
Elongation at break	D 638	2.0 %	2.0 %
Flexural Strength	D 790	20,000 psi	138 MPa
Flexural Modulus	D 790	1,000,000 psi	6.9MPa
Izod Impact Strength (Notched) (Unnotched)	D 256	.60 Ft – lb/in 7.0 Ft – lb/in	32 J/m 374 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	430 ° F	221° C
Coefficient of Thermal Expansion 73° F to 212° F	D 696	.8 in/in/ °F*10 ⁻⁵	1.4 m/m/ °C*10 ⁻⁵
Tribological	Test Standard	Value English	Value Metric
Wear Factor @73° F (23°C to 100 °C)	*	4 In/ (psi*fpm*hr)*10 ⁻¹⁰	48 mm/ (*KPa*hr)*10 ⁻¹⁰
Dynamic Coefficient of Friction (Non Lubricated)	*	.30	.30
Limiting PV	*	110,000 psi *fpm	231 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