

EEL-SLIP PRODUCTS

Self Lubricating Bearings and Bushings

PERFORMANCE DATA

CHEMICAL RESISTANCE		
CHEMICAL	Volume Swell %	Absorption %
ACETIC ACID		
Concentrated	36	14
10%	4	2
2%	4	3
SULFURIC ACID		
Concentrated	131	121
30%	11	1
7%	4	-5
HYDROCHLORIC ACID		
Concentrated	3	-5
25%	2	-10
SODIUM HYDROXIDE		
50%	7	3
10%	1	3
5%	3	2
POTASSIUM CHROMATE		
Concentrated	2	2
5%	-2	2
ACETONE	4	6
METHYL ETHYL KETONE	3	5
ETHYL ALCOHOL	1	4
CARBON TETRACHLORIDE	10	15
XYLENE	10	7
GASOLINE	-1	3
DI METHYL FORMAMIDE	7	9
BENZENE	11	10
HYDRAULIC FLUID	5	7
SKYDROL 7000	4	6
WATER	2	3

EEL-SLIP PHYSICAL PROPERTIES

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PROPERTY	50
SPECIFIC GRAVITY Rockwell M ASTM-D-638	1.92
HARDNESS Rockwell M ASTM-D-638	55
TENSILE STRENGTH (psi) Rockwell M ASTM-D-638	11125 (1) 4270 (2)
SHEAR STRENGTH (psi) ASTM-D-732	7200
COEFFICIENT OF THERMAL EXPANSION (in/in/°F x 10 ⁶) (up to 220°F)	3.40
IMPACT-CHARPY (ft-lb/in) ASTM-D-256	2.31
COMPRESSIVE STRENGTH (psi) ASTM-D-695	20400
FLEXURAL STRENGTH ASTM-D-790	
Modulus of Rupture (psi)	10600
Modulus of Elasticity (psi x 10 ⁶)	1.90
THERMAL CONDUCTIVITY (BTU/hr sq ft (°F/in)	4.00
WATER ABSORPTION	1.5% by weight after 72 hours

Notes: (1) Longitudinal (2) Transverse