



## PHYSICAL AND MECHANICAL PROPERTIES

### HIGH-TEMP KOAT-A-ROLL®

PROPERTIES	DATA	UNITS
Hardness	D2240	50 Shore D
Tensile strength	D412	4000 psi
100% Modulus	D412	1450 psi
Elongation	D412	600%
Stress at 100% Elongation	D412	1450 psi
Compression set	D395	41%
Abrasion loss	D1044	3 mg
Tear Strength	D624	460 lb/in
Dynamic coefficient of friction (against 125 rms steel)	D1894	0.54
Bashore resilience	D2632	36%
Brittle Point	D746	-34°F
Glass transition temperature		-44.1°F
Vicat softening		196°F
Reduction in sound as compared to metal roller		7-10 decibels
Load rating	Equal to the load rating of the roller being covered	
Specific gravity		1.20g/cc

### FDA & 3A CONFORMANCE

Standard Koat-A-Roll® conforms to FDA 21 CFR 175.105, 177.1680, 177.2600 and meets the 3A Sanitary Standards for Multiple-Use Materials Used as Product Contact Surfaces for Dairy Equipment Number 20-15 testing requirements and are subject to the limitations of these and any other regulations.

The information herein is believed to be reliable, but is not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein.