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## LO-CO FRICTION COMPOSITE:

## EZ-GLIDE®

**PRODUCT DESCRIPTION and APPLICATION:** EZ-GLIDE is a non-asbestos, low coefficient, with high impact resistance “anti” friction composite. Supplied in flat or machine product and other special shapes. Used primarily as a guide block or sliding surface in both wet and dry applications.

### PHYSICAL PROPERTIES -

Specific Gravity, typical	1.78	SAE – J380
Apparent Density, pounds / in <sup>2</sup>	0.078	
Maximum Available Size -		
Width	38"	
Thickness, Maximum / Minimum	1.5"	
Length	38"	

### MECHANICAL and THERMAL PROPERTIES -

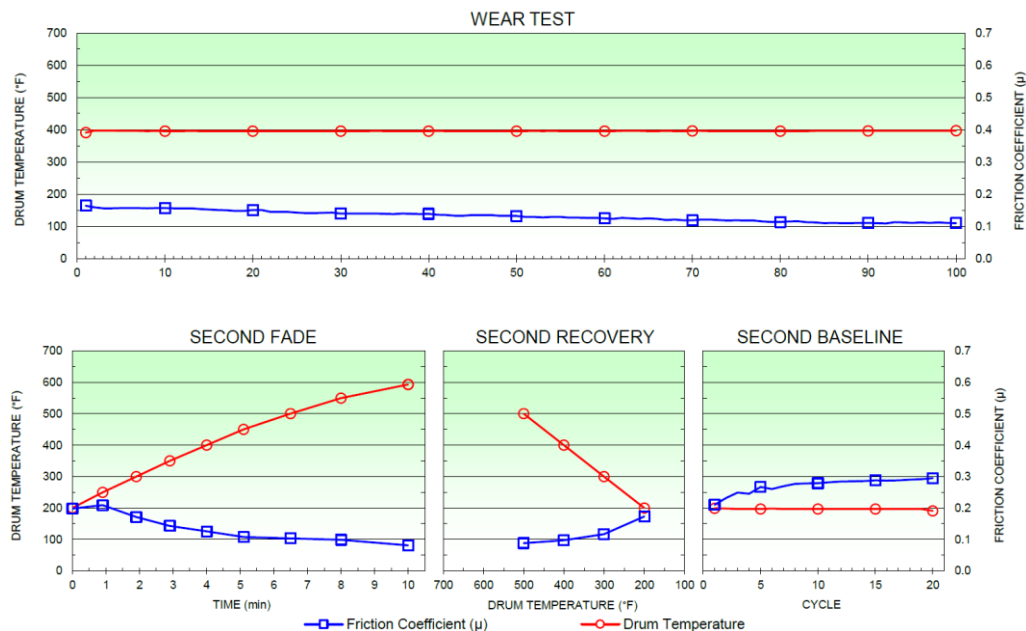
Tensile Strength, psi	4300	ASTM – D638
Modulus ksi	2060	
Elongation, %	0.25	
Flexural Strength, psi	10400	ASTM – D790
Modulus ksi	1980	
Compression Strength, psi	15900	ASTM – D695
Direct Shear Strength, psi	5450	ASTM – D732
Thermal Conductivity, BTU-in/hr/ft <sup>2</sup> /°F	To be determined	

## FRICITION PROPERTIES -

Coefficient of Friction -		SAE J661
Normal	0.176	
Hot	0.118	
Typical @ 400°F.	0.43	
Wear Rate, g/MJ	0.062	
Friction Code	<b>DC</b>	SAE J866
Suggested Operating Limits - **		
Maximum Pressure, psi	300	
Maximum Surface Speed, ft/min	5000	
Temperature, °F.		
Maximum, Intermittent	650°	
Maximum, Sustained	500°	

\*\* Suggested operating limits are consistent with uniform performance and acceptable wear rate

## Coefficient of Friction From SAE J661 Test Procedure



The data presented herein was obtained from industry accepted standards. **Champion Technologies** provided the information in good faith but make no representation as to its completeness or accuracy. The information is intended only as a guide, and independent judgement must be exercised in determining suitability of the material for a particular purposes