

## Product Data Sheet: **GGA-Uncured**

**PRODUCT DESCRIPTION:** Green Gripper Aramid-uncured is a flexible molded, high aramid content sheeter lining in the medium to high friction range offering smoothness and long wear. Compounded for demanding tensioning unit applications, GGA has also proved to be the finest high aramid material available for wet or dry use on clutches and brakes.

### MECHANICAL PROPERTIES

Specific Gravity (SAE J380)	1.60-1.80
Shore D Hardness (ASTM D2240-68)	60-70
Tensile Strength (ASTM D638)	2000 psi
Modulus of Rupture (ASTM-D790)	

### FRICITION PROPERTIES

Coefficient of Friction (SAE J661)	
Normal*	.45
Hot*	.36
Wear Rate by Weight (SAE J661)	.008
Friction Code	FF
Maximum Operating Limits	
Rubbing Speed**	5000 fpm
Pressure**	100 psi
Drum Temperature for Constant Operation**	500°F

\***Note 1.** – Friction values shown are for guide purposes only since values deviate with changes in temperature, pressure and speed. Practical design should include a 25 to 50 percent safety factor.

\*\***Note 2.** – Rubbing speed, drum temperature, and pressure are directly related. Changing any one value will change the others. The values shown represent typical conditions, but are not the ultimate limits of the material.

### SAE J661a Test Curves

