



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.

CHARACTERISTICS

- High Tensile strength
- Uniform friction
- Excellent fade & recovery
- Excellent wear rate

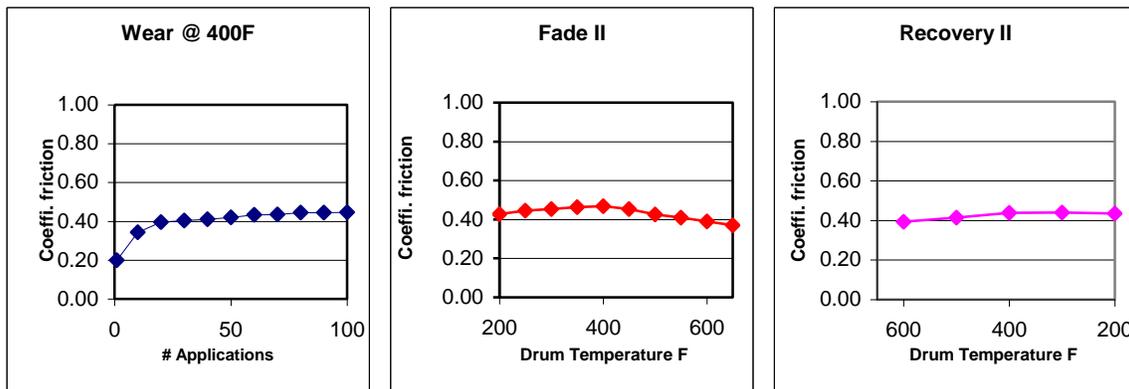
MECHANICAL PROPERTIES

Specific Gravity (SAE J380) : 1.71
 Tensile Strength, PSI (ASTM D638) : 2000
 Shore D Hardness (ASTM D2240-68) : 60-70

FRICTIONAL PROPERTIES

Coefficient of Friction (SAE J661):
 Normal* : 0.45
 Hot* : 0.43
 Wear Rate (SAE J661)
 (inch³/hp-hr) : 0.006
 Friction Code : GF
 Maximum Operating Limits:
 Rubbing Speed** : 5000 fpm
 Pressure** : 100 psi
 Drum Temperature for
 Constant Operation** : 500°F

SAE J661A TEST CURVES



The information presented in this datasheet provides general performance characteristics of the friction material compound under standard test conditions. Values shown are typical or represent average values from test samples. Friction material performance is application specific due to the geometry and conditions of the application, please use



this as reference information only. No warranty can be made as to the suitability of this friction material for a specific application. For support with an application, please contact us to discuss your requirements.

*** Friction values shown are for guideline purposes only. Friction values will change with temperature, pressure and speed. Practical design considerations should include a factor of safety based on the specific application.**

**** Maximum operating limits stated are interrelated. Changing any one value will change the maximum limit of the others.**