

FRICITION MATERIAL: AFS 15 Sheet

DESCRIPTION

AFS15 is a non-asbestos, non-metallic rigid moulded flat sheet material having a randomly dispersed base of mineral fibres and selected friction modifiers. It is suitable for dry applications although minor oil contamination will not cause damage.

APPLICATION

Industrial Clutch | brake plates and machine tool clutch | brake plates | - See website for more.

STOCK

3.2mm to 9.5 mm thick

FRICITION PROPERTIES

Co-efficient of Friction

| | |
|---------|-----|
| Static | .35 |
| Dynamic | .38 |

Operating Temperatures

| | |
|-------------------------|-------|
| Continuous Max | 150°C |
| Continuous Intermittent | 250°C |

MECHANICAL PROPERTIES

Technical

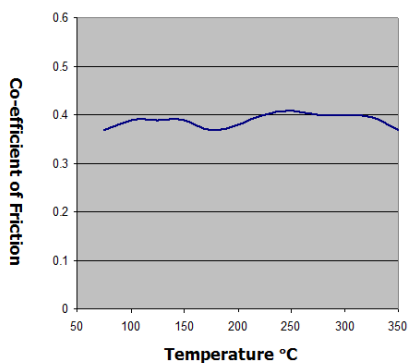
| | |
|------------------|-----------------------|
| Tensile Strength | 7.6 MN/m ² |
|------------------|-----------------------|

| | |
|----------------------|------------------------|
| Compression Strength | 45.0 MN/m ² |
|----------------------|------------------------|

| | |
|-------------------|------------|
| Max Rubbing Speed | 1500 m/Min |
|-------------------|------------|

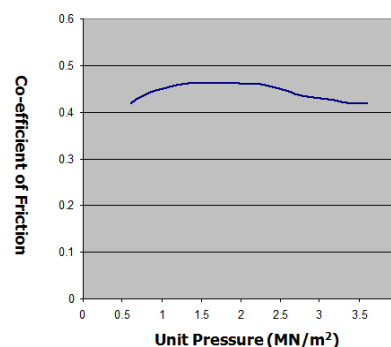
TEMPERATURE SENSITIVITY

AFS 15 Temperature Sensitivity



PRESSURE SENSITIVITY

AFS 15 Pressure Sensitivity



MATERIAL SPECIFICATIONS

Disclaimer

The data and information supplied in this data sheet are believed to be accurate and reliable, and were obtained from laboratory tests. Since actual operating conditions and requirements can vary, this should be used as an indicative guide only. © BCA Friction Materials Pty. Ltd. July 2017
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