

FRICITION MATERIAL: 511 Sheet

DESCRIPTION

511 is a non-asbestos rigid moulded sheet material that is black in colour and has a basis of mineral fibres randomly dispersed with friction modifiers and brass chips for superior performances with excellent wear and fade characteristics. This material is suitable for medium and heavy duty applications and can be gear cut. Although minor oil contamination will not affect performance, it is suitable only for dry applications

APPLICATION

Brakes and clutches for presses | manufacturing machinery | machine tools | gear cut applications - See website for more.

STOCK

3.2mm to 25.4mm thick (Higher thickness available on request.)

FRICITION PROPERTIES

Co-efficient of Friction

Static	.41
Dynamic	.40

Operating Temperatures

Continuous Max	175°C
Continuous Intermittent	260°C

MECHANICAL PROPERTIES

Technical

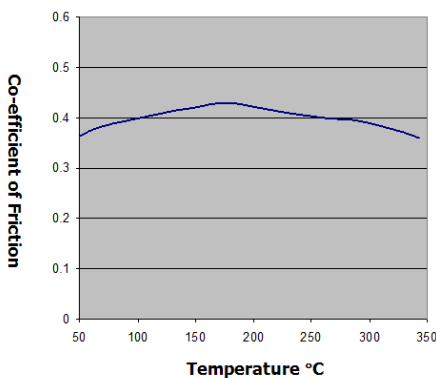
Tensile Strength	10.3 MN/m ²
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Compression Strength	62.1 MN/m ²
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Max Rubbing Speed	1080 m/Min
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TEMPERATURE SENSITIVITY

511 Temperature Sensitivity



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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