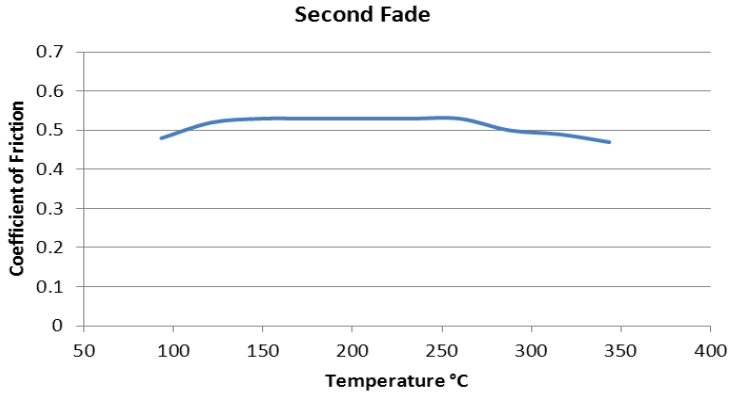
PRODUCT DATA SHEET

TRIMAT MN1185



Material Description:

MN185 is a rigid moulded friction material, having a non-asbestos base of glass and synthetic fibres in random dispersion. It contains a blend of carefully selected friction modifiers bound together with a specifically developed resin, which contributes to both strength and frictional characteristics.

MN1185 has a high friction level and displays excellent coefficient of friction stability over a wide range of operating temperatures.

MN1185 also offers stable and consistent performance when considering such features as fade resistance, kindness to brake drum surfaces and wear resistance.

Technical Details:

Property	**Typical Value**	
Coefficient of Friction (dynamic)	0.52 (SAE J661)	
Wear Rate	36 mm^3/MJ	(0.0059 in^3/hp.hr)
Specific Gravity	2.10	
Ultimate Tensile Strength	32 N/mm²	(4640 psi)
Ultimate Shear Strength	24 N/mm²	(3480 psi)
Ultimate Compressive Strength	170 N/mm²	(24650 psi)

Recommended Operating Range:

Maximum Intermittent Temperature	350°C	(660°F)
Maximum Continuous Temperature	300°C	(570°F)
Pressure	0.07-2.5 N/mm²	(10-363 psi)
Maximum Rubbing Speed	60 m/s	(11808 ft/min)

Recommended Mating Surfaces:

Close grained cast iron, forged or cold rolled steel should be 180 Brinnell or over.

Available Sizes:

Standard Sheet Size:	600mm (23.6”) x 600mm (23.6”)
Thickness:	5.0mm (3/16”) to 38mm (1.5”)

Note: Mouldable to special shapes at request of customer.

NOTE: There is no standard test procedure for industrial Friction Materials, therefore it could be misleading to compare different manufacturers test results. The Co-efficient of Friction/Temperature Graph illustrated, should be used for comparison of the various Trimat qualities only.

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Revised: