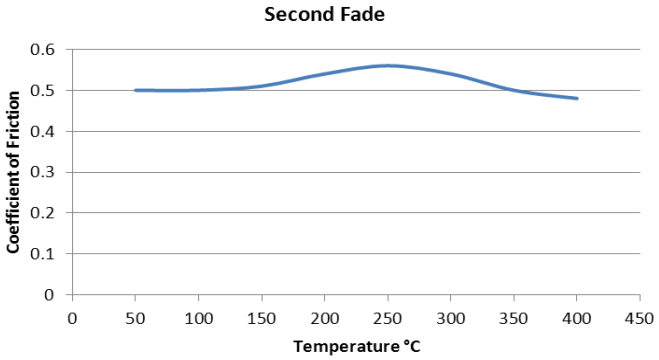
PRODUCT DATA SHEET

TRIMAT MN2221



Material Description:

Trimat MN2221 is a rigid, non-asbestos, friction material compounded with metallic ingredients, compounded with special resin and synthetic rubber.
Trimat MN2221 has a high friction level and is characterized by high stability, very stable coefficient of friction at higher temperatures and good wear resistance.
Trimat MN2221 can be delivered as brake band linings, moulded sheets and moulded parts. It is especially suitable for drum crane brakes in cranes.

Technical Details:

Property	**Typical Values**	
Coefficient of Friction (SAE J661)	0.53	
Wear Rate (SAE J661)	63 mm^3/MJ	(0.0103 in^3/hp.hr)
Specific Gravity	2.50	
Ultimate Tensile Strength	23 N/mm²	(3335 psi)
Ultimate Compressive Strength	88 N/mm²	(12760 psi)

Recommended Operating Range:

Maximum Intermittent Temperature	350 °C	(662°F)
Maximum Continuous Temperature	250 °C	(482°F)
Maximum Pressure*	3.0 N/mm²	(290 psi)
Maximum Rubbing Speed	30 m/s	(5000 ft/min)

Recommended Mating Surfaces:

Close grained cast iron (180 Brinnell or over); forged or cold rolled steel (200 Brinnell or over).

Available Sizes:

The material can be supplied to drawing as part of a bonded or integrally moulded brake component complete with backing plate, or as a finished brake pad ready for assembly. It is also available in standard sheets for machining locally.

Standard sheet size:	600 x 600mm
Thickness:	5.0mm (3/16”) to 37.5mm (1 ½”)

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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