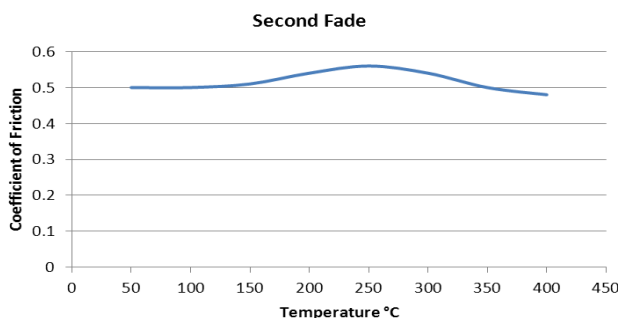


PRODUCT DATA SHEET

TRIMAT MR2220



Material Description:

Trimat MR2220 is a flexible, non-asbestos, friction material compounded with metallic ingredients, compounded with special resin and synthetic rubber. The material is supplied in a flexible semi-cured state and should be further cured to achieve optimum performance.

Trimat MR2220 has a high friction level and is characterized by high stability, very stable coefficient of friction at higher temperatures and good wear resistance.

Trimat MR2220 can be delivered as roll, brake band linings and moulded sheet. It is especially suitable for drum brakes in cranes. It has limited oil resistance only.

Technical Details (in fully cured condition):

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/mm ²	(3335 psi)
Ultimate Compressive Strength	88 N/mm ²	(12760 psi)

Recommended Operating Range:

Maximum Intermittent Temperature	350 °C	(662°F)
Maximum Continuous Temperature	250 °C	(482°F)
Maximum Pressure*	3.0 N/mm ²	(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:

Length	5 metre maximum
Thickness	3mm (0.125") to 10mm (0.375")
Width	up to 200mm (8")



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.