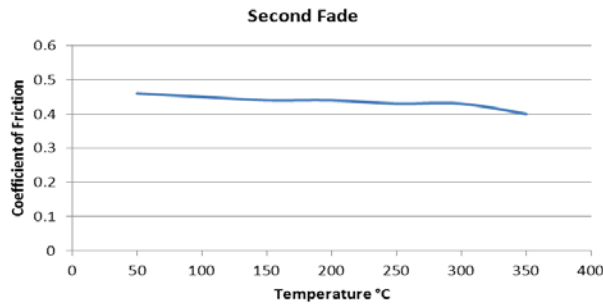


PRODUCT DATA SHEET

TRIMAT MR2210



Material Description:

MR2210 has been developed for automotive brake lining, industrial brakes, cranes and excavators band brake linings. It is a rigid moulded product having a non-asbestos basis of fibres in random dispersion. Selected friction modifiers are bound by a specifically developed rubber/resin binder system that has a major influence in determining both the friction performance characteristics and strength of material.

Technical Details:

Property	Typical Values	
Coefficient of Friction (dynamic)	0.42	
Wear Rate	22 mm ³ /MJ	(0.0036 in ³ /hp.hr)
Specific Gravity	2.00	
Shore D Hardness	70+	
Ultimate Tensile Strength (cured)	15 N/mm ²	(2175 psi)
Ultimate Shear Strength (cured)	15 N/mm ²	(2175 psi)
Ultimate Compressive Strength (cured)	75 N/mm ²	(10875 psi)

Recommended Operating Range:

Maximum Intermittent Temperature	325°C	(617°F)
Maximum Continuous Temperature	250°C	(482°F)
Recommended Operating Pressure	0.07 - 1.5 N/mm ²	(10 – 218 psi)
Maximum Rubbing Speed	25 m/s	(5000 ft/min)

Recommended Mating Surfaces:

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

Available Sizes:

Nominal Sheet Lengths	up to 1000mm (40")
Thickness	2mm (0.08") to 12.5mm (0.5")
Width	up to 220mm (8½")

Also available in rigid lining form to desired radius.

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 should be used for comparison of the various Trimat qualities only.



All data displayed is derived from product testing in a range of typical operating parameters, users are encouraged to independently qualify the material performance as suitable for their own specific requirements