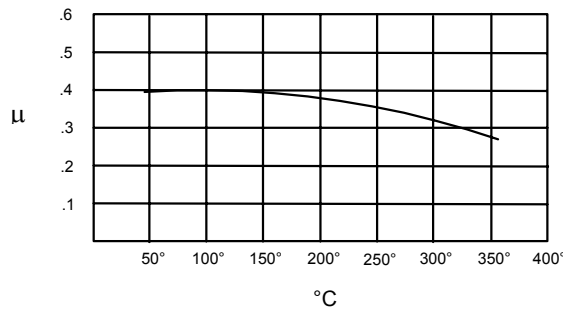




**TRIMAT Ltd**  
Hurst Business Park  
Brierley Hill  
West Midlands DY5 1UF  
ENGLAND  
Tel.: +44 (0) 1384 473400  
Fax: +44 (0) 1384 261010  
Email: sales@trimat.co.uk  
www.trimat.co.uk

## PRODUCT DATA SHEET

### TRIMAT MR2215



#### Material Description:

MR2215 has been developed for automotive brake lining, industrial brakes, crane and excavators band brake linings. It is a flexible 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.

Available in either roll or strip form, MR2215 is sufficiently flexible to make fitting to curved metal parts a relatively simple operation, after which the heat generated during bonding will increase the material strength and hardness. Alternatively, MR2215 can be formed to a rigid lining prior to fitting by curing in an oven at a temperature of at least 180°C for a period of not less than 60 minutes.

#### Technical Details:

Property	Typical Value	Units
Coefficient of Friction (dynamic)	0.39	-
Wear Rate	22	mm <sup>3</sup> /MJ
Specific Gravity	2.00	-
Shore D Hardness (as supplied)	65	-
Shore D Hardness (cured)	75+	-
Ultimate Tensile Strength (cured)	15	N/mm <sup>2</sup>
Ultimate Shear Strength (cured)	15	N/mm <sup>2</sup>
Ultimate Compressive Strength (cured)	75	N/mm <sup>2</sup>

#### Recommended Operating Range:

Maximum Intermittent Temperature	325	°C
Maximum Continuous Temperature	250	°C
Recommended Operating Pressure	0.07 - 1.5	N/mm <sup>2</sup>
Maximum Rubbing Speed	25	m/s

#### Recommended Mating Surfaces:

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

#### Available Sizes:

Nominal Roll Lengths	5 metres
Thickness	3mm to 12.5mm
Width	up to 200mm

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.