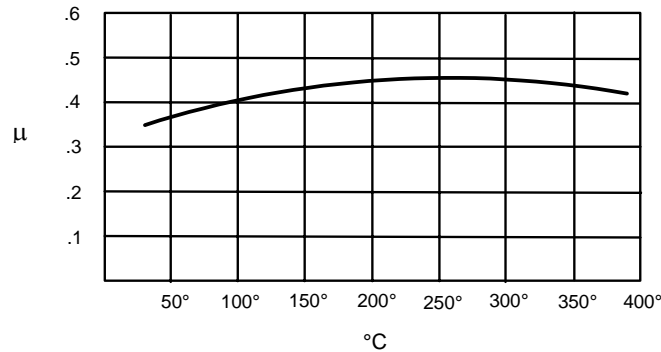


PRODUCT DATA SHEET

TRIMAT MN1070



Material Description:

MN1070 is a rigid moulded friction material, having a non-asbestos base of steel filaments 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.

This material has a medium/high friction level and displays good coefficient of friction stability over a wide range of operating temperatures. Especially suited to heavy-duty disc brake applications.

MN1070 has a balanced range of properties when considering such features as fade resistance, kindness to brake drum surfaces and wear resistance.

Technical Details:

Property	Typical Value
Coefficient of Friction (dynamic)	0.41
Specific Gravity	2.80

Recommended Operating Range:

Maximum Intermittent Temperature	500°C	(930°F)
Maximum Continuous Temperature	350°C	(660°F)
Pressure	0.4-5.0 N/mm ²	(60 – 725 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:

Standard Sheet Size:	500mm (20") x 500mm (20")
Thickness:	5.0mm (3/16") to 50mm (2")

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.