

## Product Data Sheet: TRH3034

### Product Description:

TRH3034 is a rigid moulded product without any metal. TRH3034 offers excellent thermal resistance, compression and exhibits outstanding stability under heavy loads, at the same time maintaining a high resistance to wear. TRH3034 is manufactured in sheets, segments, rings and many special shapes by either machining or moulding.

### Applications:

TRH3034 has been specifically designed for use on medium to heavy duty industrial brake/clutch applications, especially gear tooth facings, mechanical drivers and any application requiring a high strength low wear material. TRH3034 is intended for dry running applications only.

**Gear tooth facing only can be produced by mould.**

### Dimension:

Length x Width: 762mm x 762mm (30inches x 30 inches)

Thickness: 3.2mm—22mm ( 1/8 – 7/8 inch)

### Frictional Properties:

Normal	0.41
Hot	0.39
400°F	0.40

### Mechanical properties:

Impact strength:	0.4J/cm <sup>2</sup>
Hardness(HRC):	98

### Recommended

#### Operating Range:

Max. Pressure, psi	300
Max. Rubbing Speed, ft/min	5000
Max. Intermittent Temperature	650°F (340°C)
Max. Continuous Temperature	600°F (315°C)

### SAE J661a TEST CURVES

