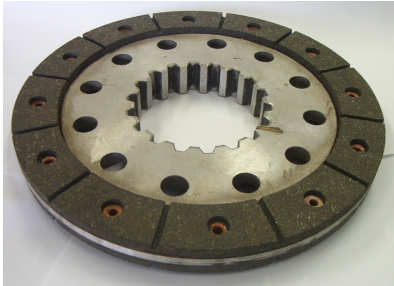


## Multibrake 3501



| Properties                         | Units | Typical Value |
|------------------------------------|-------|---------------|
| Density                            | g/cm  | 1.95          |
| Operating Temperature, Continuous  | °C    | 175           |
| Operating Temperature, Short-therm | °C    | 225           |
| Friction Coefficient               | μ     | 0.32          |

### Product description:

Multibrake 3501 is a rigid moulded friction material, having a non asbestos basis of synthetic fibres in random dispersion. It contains no metallic particles and is grey in colour. Multibrake 3501 possesses high physical strength, and facings can be gear-cut on either the inside or outside circumference if required. It has a medium coefficient of friction with low wear and is suitable for use at medium to heavy duty levels. Although not affected physically by minor oil contamination this material is unsuitable for operating under oil-immersed conditions.

### Adhesives:

Multibrake 3501 may be bonded using any of the established adhesives recommended for friction material. However, to obtain the best results it is necessary to use a thermosetting adhesive. Care should be taken to ensure that the temperature to which the material is to be subjected does not exceed the recommendations of the adhesive manufacturer.

### Mating surfaces:

A good quality, fine grained, pearlitic cast iron or cold rolled steel with a Brinell hardness of 200. Cast steels are not recommended.