

Multibrake 3701



Properties	Units	Typical Value
Density	g/cm	1.62
Operating Temperature, Continuous	°C	225
Operating Temperature, Short-therm	°C	225
Friction Coefficient	μ	0.32

Product description:

Multibrake 3701 is a rigid moulded friction material which is mottled slate grey in appearance; it is a non-metallic asbestos free material having a random base of synthetic fibre and uses a specially developed resin which contributes to both the strength and the performance of the material. Multibrake 3701 has moderate mechanical strength together with a medium coefficient of friction combined with a low rate of wear; it machines well and facings can be gear cut on the inside or outside circumference depending on the application. The material can also be manufactured with moulded gear teeth, if the quantities

Adhesives:

Multibrake 3701 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.

Rubbing surfaces:

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