

DERBY GASKETS LTD.

www.derbygaskets.com

MATERIAL SPECIFICATION

FLAME RETARDANT SILICONE

PRODUCT CODE: VFR(2) MF775

Description

A superior grade fire retardant compound exhibiting low smoke, low toxicity characteristics, specifically designed for use in the mass transit industry, Good physical and dielectric properties over a wide temperature range. Natural cream/off white colour, not easily pigmented. Most acceptable pigmentation is grey. This material has been tested in accordance with *BS6853 : 1999 'Code of practice for fire precautions in the design and construction of passenger carrying trains.' (Category 1b Conformity).

Shore Hardness:	68° +/- 5°
Elongation at break:	270%
Tensile Strength:	9MPA
Specific Gravity:	1.28
Temp. Range:	-70°C to + 250°C
Dielectric Strength:	20 Kv/mm (2mm thick)
Dielectric Constant:	3.2 (@ 1 Mhz)
UL Rating:	V1 (2mm) V0 (3mm)

STOCK IS FULLY TRACEABLE WITH BATCH NUMBER AND CURE

We reserve the right to alter the specification without notice.

Values given may vary according to manufacturing tolerances.

It is the responsibility of the purchaser to ensure material is suitable for purpose and we will provide samples for test if required