

Product Information Sheet

RG-30 Refractory Gasket Material

Description

RG-30 Millboard is manufactured with high purity ceramic fibers. It has the lowest shot content of our refractory millboard line. It is recommended for “one shot” applications such as casting process mold gaskets, for example, to 1,482°C (2,700°F). RG-30 is thin, durable, easy to saw or die cut and makes a good replacement for asbestos-based materials. Specifically formulated for use in the iron and steel processing industries, RG-30 also performs well as high-temperature gasketing material in molten metal contact applications in non-ferrous industries. RG-30 is available in 4mm (0.160 in.) thick sheets, 137.5cm x 137.5cm (55 in. x 55 in.).

Physical Properties	
Color	Tan
Nominal density, kg/m ³ (pcf)	641 (40)
Max temp rating, °C (°F)	1,482 (2,700)
Continuous use, up to °C (°F)	1,093 (2,000)
Melting point, °C (°F)	1,760 (3,200)
Modulus of rupture, Mpa (psi)	2.76-3.45 (400-500)

Chemical Analysis	
Alumina Al ₂ O ₃ (%)	35
Silica SiO ₂ (%)	65
Other (%)	
Loss of ignition, L.O.I. @538°C	12-15
Organic material	11-14
Moisture content (max %)	0.5

The following are registered trademarks of Alkegen: Interface.

The test data shown are average results of tests conducted under standard procedures and are subject to variation. Results should not be used for specification purposes. Product Information Sheets are periodically updated by Alkegen. Before relying on any data or other information in this Product Information Sheet, you should confirm that it is still current and has not been superseded. A Product Information Sheet that has been superseded may contain incorrect, obsolete and/or irrelevant data and other information.

Form A-5307
Effective 03/24
© 2024 Alkegen
All Rights Reserved

Alkegen
Headquarters
5215 N. O'Connor Blvd, Suite 2300
Irving, TX 75039
Telephone: 716-768-6500
Website: www.alkegen.com
Email: info@alkegen.com