Associated Gaskets

THERMAL & ELECTRICAL INSULATION

Quality System

Quality Endorsed Company

Sindanyo H91

Sindanyo H91 is a high temperature, high strength thermal engineering board used in electrical and mechanical applications where these combined attributes provide solutions to many difficult situations. Designed specifically to provide outstanding high temperature service, Sindanyo H91 is a marquee material providing exceptional retention of mechanical strength at temperatures up to 700°C.

Sindanyo H91 is suitable for service in the following demanding thermal, electrical and mechanical applications: - Busbar Insulation, Bolt Sleeve Insulation, Arc Chute Insulation, Dynamic Brake Grids, Aluminium Pot Room and Crust Breaker Insulation, Furnace and Foundry Industries, and many other Thermal and Electro-Mechanical applications where high quality and reliability are of prime concern.

Properties

Property			Value
Colour		:	Grey
Density		:	1.6 g/cm³
Temperature - Maximum Continuous		:	700°C
Linear Shrinkage @ 350°C		:	0.36%
Electric Strength @ 90°C in air		:	2.1 kV/mm
Surface Breakdown @ 90°C in air		:	15 kV
Water Absorption - 24 hours @ 23°C		:	15%
Compressive Strength:	@ 23°C ambient	:	90 MPa
	@ 24 hours @ 350°C	:	38 MPa
	@ 24 hours @ 500°C	:	31 MPa
	@ 24 hours @ 700°C	:	29 MPa
Flexural Strength:	@ 23°C ambient	:	30 MPa
	@ 24 hours @ 350°C	:	16 MPa
	@ 24 hours @ 500°C	:	13 MPa
	@ 24 hours @ 700°C	:	13 MPa
Impact Strength:	@ 23°C ambient	:	4 kJ/mm
	@ 24 hours @ 350°C	:	2.4 kJ/mm
	@ 24 hours @ 500°C	:	2.4 kJ/mm
	@ 24 hours @ 700°C	:	2.4 kJ/mm

Availability

AG welcomes all enquiries, whether for a one of machined component, strip or panel to full production OEM quantities.

Sheet Size : 1,245mm x 940mm Thicknesses : 6mm to 75mm

Visit: www.agaus.com.au

Phone: 1300 098 060