REMESPLUS INDUSTRY

TECHNICAL DATA SHEET

REMBOARD 1750 (400)

CHARACTERISTICS

- Insulating board made from rigid high-temperature polycrystalline mullite/alumina wool (PCW) and special inorganic fibers and binders.
- Low termal conductivity and very high temperature resistance (up to 1750C perm.)
- Good machinability (homogeneous structure)
- Resistance to rapid heating and low heat storage
- Excelent thermal shock resistance
- Boards and available in prefired version (reduced loss on ignition)
- Suitable for laboratory ovens and special applications.

TECHNICAL PARAMETERS

	Unit	Value
Classification temperature	[°C]	1750
Maximum permanent service temperature	[°C]	1750
Bulk density	[kg/m^3]	400
Colour	[-]	white
Loss on ignition	[%]	0,07
Linear change @ 1600 °C	[%]	+0,19
Cold crushing strenght	[MPa]	0,53
Cold bending strenght	[MPa]	1,39
Standard thicknesses	[mm]	10-70
Coefficient of thermal conductivity λ at		
400 °C	[W/m.K]	0,19
600 °C	[W/m.K]	0,21
800 °C	[W/m.K]	0,24
1000 °C	[W/m.K]	0,27
1200 °C	[W/m.K]	0,32
1400 °C	[W/m.K]	0,35
Chemical composition		
SiO_2	[%]	19
Al_2O_3	[%]	81

Information on technical parameters and chemical composition provided in this TDS are considered comprehensive and do not constitute any form liability!

REMESPLUS Industry, s.r.o., Barčianska 66, 040 17 Košice
www.industry.remesplus.sk
+421 917 105 268 industry@remesplus.sk
IČO: 53 120 361, IČ DPH: SK2121264530

REMESPLUS INDUSTRY
Expert na žiaruvzdorné materiály