

CERAPLAST® PC

TECHNICAL DATA SHEET

REV.00 - 26/04/2000



Ceraplast® PC is a ceramoplastic material made of mica and a special resin.

Compared with technical ceramics it is mechanically workable, it has a great resistance to thermal shocks and, as the like plastic materials, it can be modelled, although it can resist to higher temperatures.

Ceraplast® PC is available in form of plates and pipes, as an alternative to ceramic, plastic and metals in certain applications.

Ceraplast® PC is totally non-flammable in accordance with UL 94 V-0 and toxic fumes-free (CEI 2037/85).

It guarantees savings, because it doesn't need molds, and also it is in accordance with the new waste disposal regulations.

Available are also the NIRO and SINTER versions, for non-metal internal carpentries.

TECHNICAL SPECIFICATIONS

Density	g/cm ³	22
Thickness	mm	1-2-3-5-6-10
Continuous operating temperature	°C	700
Transition temperature	°C	1200
Flexural strength	MPa	230
Tensile strength	MPa	150
Thermal conductivity C-177	W/m°K	0.3
Flame resistance UL 94		V0
Fumes toxicity classification CEI 2037	INDEX	0.16