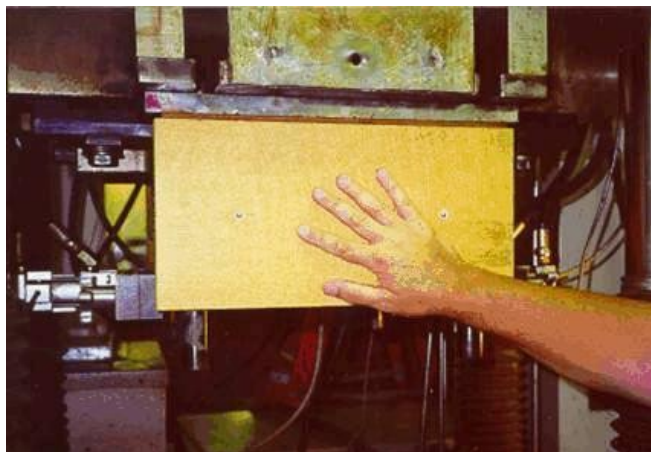


PYROPEL MD 12[®]

TECHNICAL DATA SHEET Rev.01 02/04/10

Descrizione:



PYROPEL[®] MD12 is the thermo-electrical version of PYROPEL product range, the family of super-insulating products designed for electric savings. PYROPEL MD12 is a lightweight product, flexible, non-flammable and can be molded into shapes that can't be made out of board. It has a micro-porous 3D structure with a low density that gives it an excellent insulating power.

Benefits:

- INCREASED plant productivity; from 3 to 4 times more insulating than the older panels
- NON-FLAMMABLE and highly resistant to chemical agents
- DOES NOT CRACK even in extreme compressive conditions, due its organic bond-free
- RAPID PAYBACK in few months with the energy saving it involves
- MOLDABLE even without machine tools
- SHAPEABLE into insulate curved surfaces

Applications:

Thermal Insulation in the plastic and rubber processes, mold insulation, acoustic insulation and plant insulation.

PROPERTIES:

DENSITY	g/cm ³	0,18
AVAILABLE THICKNESS	mm	From 3,2 to 6,4
BOARD SIZE	mm	On Request
THERMAL CONDUCTIVITY	W/mK	
at 20°C		0,036
at 100 °C		0,038
at 204°C		0,046
COMPRESSIVE STRENGTH	psi	800
FLEXURAL STRENGTH	psi	1940
CONTINUOUS OPERATING TEMPERATURE	°C	288
NON-FLAMMABILITY	UL	94 V-0
DIELECTRIC CONSTANT 18G H ²		1,32