

THERMALITE 200 – TH200

WITHOUT ASBESTOS	HIGH MECHANICAL RESISTANCE UNDER HEAT	GOOD THERMAL PERFORMANCES	USE UP TO 280°C
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Thermalite 200 is specially designed for thermal insulation of presses working continuously up to 200°C. It is delivered in plane plates rectified 2 sides. Its lifespan and cost offer an interesting economic record. Color green, thicknesses from 5 to 50 mm, formats : please contact us.

Physical Characteristics

Properties	Values	Units	Tests Standards
Density	1,85	g/cm ³	NF T 51063
Water absorption	0,3	%	NF T 51166
Resistance to chemicals	good		

Mechanical Characteristics

Properties	Values	Units	Tests Standards
Compressive rupture stress \perp			
At 20°C	350	MPa	NF T 51101
At 150°C	180	MPa	NF T 51101
At 200°C	140	MPa	NF T 51101
Bending rupture stress NF \perp			
At 20°C	200	MPa	NF T 51101
At 150°C	120	MPa	NF T 51101
At 200°C	70	MPa	NF T 51101
Tensile rupture stress //			
At 20°C	120	MPa	NF T 51034

Thermal Characteristics

Properties	Values	Units	Tests Standards
Continuous limit temperature	200	°C	
Peak limit temperature	280	°C	
Thermal conductivity	0,28	W/m°C	NF X 10021
Coefficient of linear dilatation // to strata*	17 10-6	m/mK	NF T 51221
Coefficient of linear dilatation \perp to strata*	59 10-6	m/mK	NF T 51221

* : average coefficients of linear dilatation between 30°C and 200°C

Les valeurs indiquées dans ces fiches techniques sont des valeurs moyennes mesurées lors des tests de contrôle courant. Les données s'appliquent uniquement aux caractéristiques des matériaux et ne peuvent conduire à des engagements commerciaux que sur la base d'un accord express.