DOTHERM®
INDUSTRIAL INSULATIONS

Overview of Insulation Materials for Heated Presses

	Operation Temperature (°C)		Compressive Strength at higher Temperature (N/mm²)	Flexural Strength (N/mm²)	Thermal Conductivity (W/mK)	Compressive Strain (%)	
	long-term	short-term		at 23°C		at 30 N/mm²	at 70 N/mm²
PRESSTHERM® WD 20	200	210	at 200°C: 260	500	0,21	at 200°C: 1,0	-
PRESSTHERM® WD 200	200	220	at 200°C: 190	-	0,24	at 200°C: 2,0	-
PRESSTHERM® WD 23-1	230	250	at 230°C: 320	425	0,23	at 230°C: 0,3	at 230°C: 0,5
PRESSTHERM® WD 25	250	260	at 250°C: 350	400	0,23	-	at 250°C: 0,6
PRESSTHERM® WD 26	260	300	at 250°C: 200	120	0,22	-	at 260°C: 0,7
PRESSTHERM® WD 28	280	300	at 250°C: 350	250	0,31	-	at 280°C: 1,6
PRESSTHERM® WD 280	280	300	at 250°C: 130	-	0,28	at 280°C: 1,2	-
PRESSTHERM® GL	500	600	at 200°C: 250	200	0,26	at 260°C: 3,5	-
PRESSTHERM® AG	240	240	-	-	0,13	-	-

The standard values shown in this data sheet are measured by standard test methodes. In reliance on operation terms and dimensions the material properties can differ from these values. Please contact our applications and sales engineers to clarify the suitability of our materials for your application. Further technical information can be given with our specific material data sheets.

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