



Maad PF 20 FR

Density: 20 kg/m³

Thickness: 10 - 100mm

Processing:

Carding – Cross-lapping- Thermobonding

Use:

Thermal insulation – Acoustic Absorption

Supply and packing:

Sheets standard dimension: 1000 x 2000 mm.

Rolls standard dimension: 2000 mm x 20 m

Out of standard dimension to fix

Length tolerances: ± 5 mm (sheets), 0/+ 1 m

(rolls)

Width tolerances: ± 5 mm

Sheets standard packing: polyethylene film

Rolls standard packing: cardboard tube and

polyethylene film

Technical Data

Properties	Result	Test Method
Composition:	100 % poliester staple fiber	-
Use temperature range:	Characteristics maintained in the long term and throughout the whole thickness in the range between -40 and +110 °C	-
Fire reaction:	Meets the requirements	CEN TS 45545-2 :2009 – R1 HL1-HL2 DIN 5510-2 – S4, SR2, ST2 NFP 92-507 – M1 UNI 9177 – CL 1 UNI CEI 11170 – CL1A
Thermal conductivity:	0.038 W/mK	UNI EN 12667
Steam permeability:	μ=3,11	-

Sound Absorption coefficient (UNI EN ISO 354)

FREQUENCY Hz	125	250	500	1000	2000	4000
ALPHA	<i>0,29</i>	<i>0,54</i>	<i>0,82</i>	<i>0,92</i>	<i>0,92</i>	<i>0,89</i>