



General Technical Data Sheet

smartMELAMINE®

Description: A thermoset nonwoven made of melamine

Typical applications: inherent flame-resistant material for acoustic applications, for thermal insulation and for filtration

General properties:

Colour: white to yellow
Fiber diameter: 1 µm - 15 µm
Area weight: 30 g/m² - 600 g/m²
Thickness: up to 20 mm
Material Width: up to 2400 mm

- Low thermal conductivity
- High acoustic Performance
- High continuous service temperature
- Non-melting, non-dripping
- Flame resistant

Selected Technical Data:

LOI: 32 % (DIN EN ISO 4589-2)
Heat of combustion: 18 MJ/kg (DIN EN ISO 1716)
Thermal conductivity: 0,030 W/mK (DIN 52612)
Chemical resistance: UV resistant
Organic solvent resistant

Consolidation: none
Aftertreatment: none