



Material Datasheet

PFA

PDS nr.: PDS-IM-012, edition: 14/08/2018
Color: White
QC responsible: Ruben Denteneer

Density	ASTM D 792	2,15	gr/cm ³
Tensile Strength	ASTM D 638 (23°C)	30	N/mm ²
Elongation @ break	ASTM D 638 (23°C)	250	%
Flexural Modulus	ASTM D 790	550	N/mm ²
Shore D hardness	ASTM D 2240	60	Shore D
Min. continuous operating temperature		-100	°C
Max. continuous operating temperature		260	°C

Food contact Basic material is in compliance 21CFR177.1550

Product Features :

- High Limiting oxygen index : does not support combustion
- Good non stick characteristics
- Excellent electrical insulation properties
- Wide service temperature range
- Excellent, almost universal resistance to solvents and chemicals
- High transparency
- Extremely high weathering resistance and UV stability
- Smooth surfaces
- Broad processing window