



## Material Datasheet

### PFA

PDS nr.: PDS-IM-012, edition: 14/08/2018  
Color: Whitish or translucent solid  
QC responsible: Ruben Denteneer

Density	ASTM D 792	2,15	gr/cm <sup>3</sup>
Tensile Strength	ASTM D 638 (23°C)	30	N/mm <sup>2</sup>
Elongation @ break	ASTM D 638 (23°C)	380	%
Flexural Modulus	ASTM D 790	550	N/mm <sup>2</sup>
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