

# Data Sheet: PTFE FDA

## MATERIAL: VIRGIN POLYTETRAFLUOROETHYLENE FDA FOR MOULDINGS

COLOUR: WHITE

GENERAL SERVICE TEMPERATURE RANGE: -250°C to 250°C

**SPECIFICATION:** This Virgin PTFE is a high bulk agglomerated grade designed for general, automatic and Isostatic moulding. It is particularly suitable for producing large mouldings from relatively compact tools. Material meets the FDA regulation under code 21CFR 177.1550 and Euro Directive 10/2011/EC for material that may come into contact with food.

PHYSICAL PROPERTIES	TEST METHOD	SPECIFICATION
HARDNESS, SHORE D	DIN 53505	55 Min
SPECIFIC GRAVITY, g/cm <sup>3</sup> THEORETICAL	ASTM D4894	2.14
BULK DENSITY g/Ltr	ASTM D4894	874
TENSILE STRENGTH, MPa	ASTM D4894	24.5 Min
AVERAGE ELONGATION %	ASTM D4894	250 Min
TEMPERATURE RANGE °C		-250/+250°C

*The above test results are based on test slabs / buttons. The results from the actual parts may be different.*

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