

## TECHNICAL DATASHEET

# P/FF HDS

### COMPOSITION BY WEIGHT % & FILLER DESCRIPTION

100% VIRGIN PTFE

MECHANICAL PROPERTIES	TEST METHOD	UNITS	GRADE FF HDS
Specific gravity	ASTM D 4894	g/cm <sup>3</sup>	2.17 +/- 0.02
Tensile Strength*	ASTM D 4894	Mpa	30
Elongation*	ASTM D 4894	%	260
Bulk Density	ASTM D 4894	g/l	800 - 880
Hardness	NEEDLE	Shore D	60 - 54
Diametric Shrinkage	INTERNAL	%	2.5
Flow	INTERNAL	Sec/50 g	3
Flow stability	INTERNAL	Sec/50 g	3
Average particle size	ISO 13320	μ	400 - 700

\* cross direction

RACCOMENDATED MOULDING PRESSURE:	300 - 400 kg/cm <sup>2</sup>
MAX SINTERING TEMPERATURE:	375 °C

#### GENERAL APPLICATION:

Typical properties and application of PTFE as piping, vessels, seals and gaskets.

#### Safety- Toxicology

This product is a fluoroplastic material, so normal precautions observed with fluoroplastics should be followed. Before processing this product, be sure to read and follow all precautions and directions for use contained in the product Material Safety Data Sheet.

#### Technical Information

This information is based on our experience to date and we believe it to be reliable. It is intended only as a guide for use at your discretion and risk. We cannot guarantee favourable results and assume no liability in connection with the use of the products described. None of this information is to be taken as a licence to operate under, in order to infringe any patents.

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