



Specification and Technical data

Astaflon® Grade GFP01

PTFE Moulding Powder NFF

Material	Polytetrafluoroethylene
General Qualities	Fine particle moulding powder. Clean, white surface, even texture. Non-free flow. Rod, tube, sheet, etc.
Packaging Storage and Transport	Double layer PVC bags inside rigid circular water proof barrels. 20kg per barrel. Fully certificated. Store in clean, dry warehouse. Avoid excessive heat, cold, moisture, and rough handling.

Material Properties	Testing according to ASTM D 4894 and ISO 13320		
Tensile Strength		>38	MPa
Elongation at Break		>320	%
Bulk Density		450 +/- 100	g/l
Material Density		2.17 +/- 0.02	g/cc
Particle Size		25+/-5	µm
Thermal Stability Index		30	
Electrical Intensity		>100	MV/m
Melting Point	First	327+/-5	°C
	Second	342+/-5	°C

Safety	If heating above 260 °C, small amounts of decomposition products can fume. Avoid inhalation of these fumes. Processing equipment and surrounding area should be adequately ventilated. Smoking must be avoided. Avoid eye contact. If this happens, irrigate immediately and seek medical advice. It is best to also avoid skin contact. If this happens, wash with soap and water. When cleaning equipment, do not burn off with flame or furnace.
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