

Specification and Technical data

Astaflon® PTFE Lubricant Powder 8X

Material	Polytetrafluoroethylene
General Qualities	Clean, white surface, even texture. Micropowder used to improve lubricant and tribological properties of thermoplastics, greases, inks, coatings and paints
Packaging Storage and Transport	Double layer PVC bags inside rigid circular barrels or rectangular boxes. Labels : quality certificate, brand, trademark, type, grade, lot, weight of contents, pack date. Store in clean, dry warehouse. Avoid excessive heat, cold, moisture, and rough handling.

Material Properties	Testing according to ASTM D1457 and ISO13320 and 12086, DIN53479		
Bulk Density		400 +/- 50	g/l
Material Density		2.16 +/- 0.02	g/cc
Particle Size	D10	3.0 +/-0.5	µm
	D50	7.0 +/-2.0	µm
	D90	14 +/-4.0	µm
Colour		White	
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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