

Specification and Technical data

Asraflon® PTFE Lubricant Powder L3

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. 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 D 4894 and ISO 13320		
Bulk Density		450 +/- 50	g/l
Material Density		2.16 +/- 0.02	g/cc
Particle Size	D10	1.05 +/-0.15	µm
	D50	4.5 +/-2.0	µm
	D90	10.7 +/-3.6	µm
Hardness		60-54	Shore D
Diametric Shrinkage		3.0 +/- 0.5	%
Melting Point	First	327+/-5	°C
	Second	342+/-5	°C
Flow		-	s/50g
Flow Stability		-	s/50g

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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