



LUXFER
MAGTECH



ASTM D4894
Type I Grade 1
with exception
to particle size,
average diameter,
and bulk density

100% Virgin PTFE

Made in the USA

Critical supplier to
U.S. Department of
Defense

For more detailed
information,
please contact:

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Elektron® PTFE Powder

Granular Polytetrafluoroethylene (PTFE) Resin Powder

Elektron® PTFE Powder is a granular polytetrafluoroethylene (PTFE) resin powder produced specifically for defense applications. Our unique processing capabilities produce very consistent products lot-to-lot and drum-to-drum.

- Customized, high-performance, specialty powders
- Consistent lot-to-lot and drum-to-drum
- Used in the manufacture of countermeasure flares

Size:

- Powder can be produced with an average particle size from 450 to 800 μm
- Custom size distributions available
- D50 can be controlled within $\pm 25 \mu\text{m}$

Shape: Non-rounded (Irregular)

Product	D50	Bulk Density [g/mL]*	Shape
N500	500 \pm 25 μm	0.54	Irregular
N550	550 \pm 25 μm	0.55	Irregular
N600	600 \pm 25 μm	0.55	Irregular
N650	650 \pm 25 μm	0.56	Irregular
N700	700 \pm 25 μm	0.56	Irregular
N750	750 \pm 25 μm	0.57	Irregular

*Typical bulk density results.

Typical Distribution Curve

