

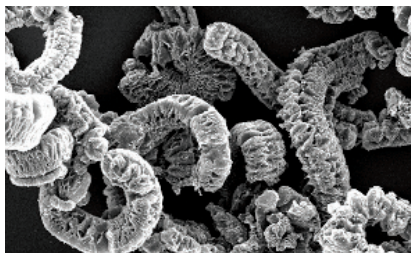
# Graf+® Graphite Powders

## Product Overview

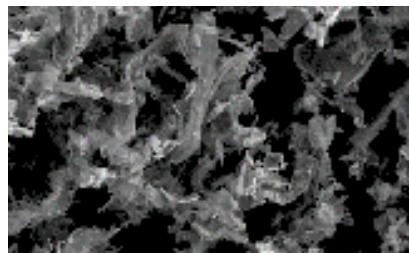
NeoGraf Solutions, LLC manufactures a variety of expanded natural and synthetic graphite powders and nanoplatelets under our Graf+® tradename. Graphite can be added to a range of polymers to enhance thermal and electrical conductivity, reduce degradation to UV radiation and increase insulation value in foams and boards. Our product is available in a range of particle sizes and purities depending on the end use application. NeoGraf also provides customized masterbatches for use in a variety of polymer matrices.

## Applications

Graphite powders are used in a broad range of applications as additives in batteries, foams, greases, extruded polystyrene insulation boards, fuel cells, paints, adhesives, chemical/mechanical polishing, coatings & roofing products, for use primarily in the building and construction, energy storage and semiconductor markets. Contact a NeoGraf Solutions applications engineer at <https://neograf.com/contact/> for technical datasheets and applications guidance.



Expanded Graphite



Milled Expanded Graphite



Masterbatches

## Grade Designations

Graphite Powders Graf+ Particle Size D50 - Purity - Graphite Type

- Particle Size D50: From mm to ~ 5µm
- Purity: 99.9+% Carbon (A) or 98+% Carbon (B) or 95+% Carbon (C)
- Graphite Type: Expanded Natural Graphite (ENG) or Synthetic graphite (SG)
- Example Graf+ 20-C-ENG (Particle Size D50 - 20µm, 95+% Carbon, Expanded Natural Graphite)

Graphite Masterbatches are customized upon request for use in a wide variety of polymer applications.

LEAD. CREATE. CONNECT.

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