**Genable® 1200**

Innovative Genable® platform technology for the incorporation of graphene into your formulation.

**PRODUCT DESCRIPTION**

A formulation-ready Genable® epoxy resin. Genable® 1200 dispersion consists of A-GNP35 graphene nanoplatelets stabilised in epoxy resin (EEW = 190g/eq.). A-GNP35 is a synthesised form of graphene nanoplatelets produced by a patented process.

**PRODUCT INFORMATION**

- **Appearance**: Black liquid
- **Matrix**: Epoxy resin (EEW = 190g/eq.)
- **Graphene Content (wt/wt%)**: 1%
- **Density (g/ml)**: TBA
- **Viscosity (Pa.s)**: 50 – 75
- **Particle Size (D10)**: 5 – 15 microns
- **Particle Size (D50)**: 50 – 80 microns
- **Particle Size (D90)**: 120 – 150 microns
- **Shelf Life**: 12 months

**USAGE**

Graphene nanoplatelets produced using AGM’s processes are “dispersion-ready”, which means that the platelets can be incorporated into formulations using standard dispersion equipment.

**DIRECTIONS**

Dispersion may show slight sedimentation during transportation or on storage. If a small amount has occurred during transportation or storage then the dispersion can be recombined by simple mechanical mixing thoroughly with a spatula, palette knife or mechanical stirrer before use.

**STORAGE**

Product should be stored at room temperature in the original containers kept tightly closed. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container sealed until ready for use.

**SAFETY**

Wear appropriate PPE. Use the minimum quantity of product required for a particular process. Use only in well-ventilated areas, preferably in an enclosed system. Provide appropriate exhaust ventilation at places where aerosols/dust may be formed. Handle and open container with care. Keep in the original container or an approved alternative made from a compatible material. Always close containers tightly after removal of the product. Empty containers retain product residue and can be hazardous. Do not re-use container. Dispose of materials in accordance with local regulations.