Genable® 1231

APPLIED GRAPHENE MATERIALS

Genable® Dispersion - enabling the incorporation of graphene nanoplatelets into your formulation.

PRODUCT DESCRIPTION

Genable® 1231 is a formulation ready dispersion of graphene nanoplatelets stabilised in Xylene

PRODUCT INFORMATION

Appearance	Black liquid
Matrix	Xylene
Graphene Content (wt/wt%)	0.5%
Density (g/ml)	0.94 – 0.97
Viscosity (Pa.s)	0.3 – 1.0
Particle Size – D50	5 – 6 microns
Particle Size – D90	6 - 28 microns
Shelf Life	6 months

USAGE

The graphene nanoplatelets dispersion are produced using AGM's proprietary manufacturing processes. The products are optimised to be incorporated in to industry systems under medium shear. Please ensure that following the addition of the graphene nanoplatelet dispersion is system is fully homogenised.

DIRECTIONS OF USE

Please stir well before use. Dispersion may develop slight sedimentation during transport or storage. If this is the case the dispersion can be recombined by mechanical mixing.

STORAGE

Store in accordance with local regulations. The product should be stored in the original container at room temperature in a dry, well ventilated location away from direct sunlight. Keep away from incompatible materials and food and drink. Keep the container tightly sealed.

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.

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