

BYK-ET 3070

Silicone-containing defoamer for aqueous separator coatings and anode electrode slurries.

Product Data

Composition

Emulsion of a polyether-modified polydimethylsiloxane with hydrophobic solids

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (20 °C):	1.00 g/ml
Solvents:	Water
Non-volatile matter (60 min., 105 °C):	30 %
Electrochemical stability:	0.1 V to 4.8 V (vs Li/ Li ⁺)

Storage and Transportation

Store and transport between 0 °C and 40 °C. Temperature-sensitive emulsion. If the storage temperature drops below or exceeds that recommended, the product should be checked.

Applications

Energy Storage

Special Features and Benefits

BYK-ET 3070 is a highly effective defoamer for aqueous separator coatings and anode electrode slurries.

Recommended Levels

0.3-1 % additive (as supplied) based upon total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

BYK-ET 3070 should preferably be incorporated into the slurry at moderate shear. It is also possible to incorporate the additive into the mill base.



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This issue replaces all previous versions.