

Product Information

Bisley Phosphonate Dispersant & Plasticizer

Product Description:

Bisley Phosphonate Dispersant & Plasticizer is an aqueous solution composed of phosphonate salts. Bisley Phosphonate Dispersant & Plasticizer alters the zeta potential, cancelling the forces of attraction between fillers and pigments, thus counteracting agglomeration. Optimal dosage determined by plotting a dispersant requirement curve.

Benefits:

- Allows for highly concentrated dispersions
- Improves the workability and flow of cement mixes and suspensions
- Low dosage required for excellent efficiency
- Particularly effective in dispersing silicate fillers, e.g. kaolin
- Has chelating properties

Applications:

Bisley Phosphonate Dispersant & Plasticizer is a dispersant for coatings containing mineral fillers. It is also a plasticizer for self-levelling floors, ceramic compounds, mortars, cement finishing coats and other cement products.

Typical Properties:

Parameters (units)	Typical Values
Solid content (%)	40
Density, at 20 °C (g/cm ³)	1.4
pH	11.5
Viscosity at 20 °C (mPa.s)	110
Solubility	Freely miscible with water
Appearance	Clear, colorless solution

*% denoted represents wt/wt %, unless noted otherwise

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bisleyinternational.com

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Packaging:

Material is available in 30 kg canisters and 270 kg drums. Further packaging options may be available upon inquiry.

Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging. Shelf life of at least one year.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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