

KOBOND™ 3115 Dispersant

INTRODUCTION

KOBOND™ 3115 is a dispersing additive based on a copolymer containing pigment-affinity groups, designed for use in silicone-based systems such as silicone oil, silicone gel, and silicone grease. It offers excellent compatibility with silicone polymers and does not interfere with cross-linking, adhesion, or flexibility. By improving the wetting and dispersion of thermal conductive fillers like alumina, silica, and carbides, KOBOND™ 3115 enhances suspension stability while minimizing viscosity increase and oil separation during processing.

BENEFITS / EFFECTS

- Excellent compatibility with silicone oil, silicone gel & silicone grease
- Promotes effective wetting and dispersion of thermal fillers
- Improves suspension stability of fillers such as alumina and silica
- Prevents viscosity rise and oil separation
- Does not affect cross-linking, adhesion, or flexibility
- 100% active, solvent-free formulation

PHYSICAL PROPERTIES

Appearance	Colorless to yellowish clear liquid
Solid Content (%):	83-93
Density (g/ml, 25°C):	0.92-1.05

These values are typical and are not intended for use as specifications.

APPLICATIONS

KOBOND™ 3115 is recommended for use in the formulation of silicone elastomers, gels, greases, and thermal interface materials. It improves storage stability and construction performance in silicone formulations.

RECOMMENDED DOSAGE

KOBOND™ 3115 is typically used at 0.5% to 5% based on the total weight of the formulation. It is recommended to add it during the dispersion stage of pigments and fillers. Pre-testing is advisable to confirm the optimal dosage for specific systems.

PACKING

KOBOND™ 3115 is supplied in 25Kg pails.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical

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hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

STORAGE

KOBOND™ 3115 shall be stored in hermetically sealed containers in a well-ventilated area, away from heat sources. Under the aforementioned storage conditions, the product has a shelf life of 24 months from the date of production.

NOTE

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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