AFCONA – 7533

Chemical Composition
Solution of polyamide with amine functional groups.

Product general description
AFCONA-7533 is a wetting and dispersing agent based on highly functional polyamide, which also acts as a thixotropic reinforcement additive.

Product properties
AFCONA-7533 is used to enhance the thixotropic properties of hydrophilic fumed silica and bentonite in both solvent-based and solvent-free systems.

AFCONA-7533 increases the viscosity of resin systems naturally through hydrogen bonding with thixotropic powders, meeting the requirements for thick film applications.

AFCONA-7533 contains a significant amount of amine functional groups. When used in epoxy-amine curing systems, it should be added to the amine component. It can also be incorporated into the resin component provided there are no active functional groups that may be affected by the amine.

Product Specification

Non-volatile matter	68 - 72% (150°C,0.5h)
Solvent	Alkylbenzene/ Benzyl alcohol
Density	0.94 - 0.98 g/cm^3(20°C)
Amine Value	255 - 285 mg KOH/g
Flash point	41°C
Appearance	Transparent to slightly haze, brownish liquid (25°C)

Addition and dosage
Aerosil or bentonite : 20-80%(as supplied)

Incorporation
AFCONA-7533 should be added into the amine component if it was used in epoxy-amine curing systems. And shear force is needed when incorporated with base resin.

Storage
AFCONA-7533 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 5 years from the date of manufacturer, if kept in original and unopened container.The expiring date is indicated on the package.

Packaging
25kg and 190kg non-returnable containers

For product safety information: please take reference of SDS.

This information and all further technical advice are based on our present knowledge and experience. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights.Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used. We reserve the right to make any changes according to science and technological progress or further developments.

This version replaces all previous ones.