

TECHNICAL DATA SHEET

AP-SILANE 32

Product Overview

AP-SILANE 32 is a

3-(2-Aminoethylamino)propyltrimethoxysilane coupling agent . AP-SILANE 32 has both organic and inorganic reactivity. Due to its unique functionality AP-SILANE 32 will impart superior adhesion and strength properties.

Physical Properties

PURITY: ≥98%

REFRACTIVE INDEX: 1.44

MOLECULAR WEIGHT: 222.36

SPECIFIC GRAVITY: 1.03

MINIMUM COVERAGE AREA M2/G: 351

Applications

- · Improved adhesion.
- Increased composite wet and dry tensile and modulus.
- Increased flexural strength.
- Increased wet and dry compressive strength.

Packaging

Available in 8 oz. samples and 441 lb. drums.

Application Methods

AP-SILANE 32 is recommended for epoxy, phenolic and melamine resins.

Chemical Structure

$$\begin{array}{c} \operatorname{OCH_3} \\ \operatorname{H_2NCH_2CH_2NH(CH_2)_3--Si-OCH_3} \\ \operatorname{OCH_3} \end{array}$$

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