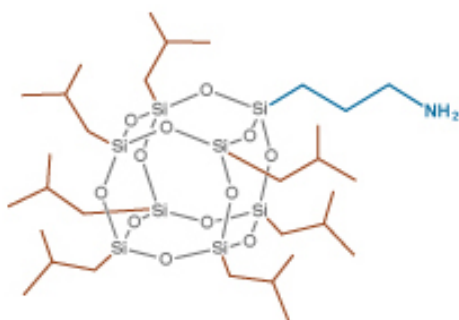


Aminopropylsobutyl POSS®



FEATURES

White solid powder.



APPLICATIONS

Surface modification of polar ingredients to aid dispersion and reduce moisture sorption.

TYPICAL PROPERTIES

Appearance	White powder
Density	1.16 g/mL
Refractive Index	1.49
Formula Weight	874.58
Resin Solubility	aliphatic resins, aliphatic and aromatic amines

REGULATORY STATUS

CAS 444315-15-5.

Not a primary dermal irritant.

HANDLING PRECAUTIONS

Product safety information required for safe use is not included in this document. Before handling, read product and material safety data sheets and container labels for safe use, physical health and hazard information. For material safety data information, contact Hybrid.

BENEFITS

Rheological diluent. Robust carrier for dispersion of ingredients. Low energy surface modifier. UVB sorption.

DESCRIPTION

AM0265 is a hybrid molecule with an inorganic silsesquioxane at the core, organic isobutyl groups attached to seven corners of the cage and an aminopropyl group attached to the eighth. It is effective at improving long wear by reducing water and oil sorption.

COMPATIBILITY

Water	Not soluble
Emulsified	Selectively
Alcohols	
Ethanol (95%)	Dispersable
Ethanol (70%)	Dispersable
iPropanol (99%)	Not soluble
iPropanol (70%)	Not soluble
Solvents & Propellants	
Hexane (aliphatics)	Soluble
Cosmetic Materials	
Mineral Oil	Not Soluble
Petrolatum	Dispersable
DC 665 (PhSi(OSiMe ₃) ₃)	Not soluble
Shea Butter	Dispersable
Lanolin	Dispersable



www.hybridplastics.com