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Cloisite® 25A**Typical Physical Properties Bulletin****Description:**

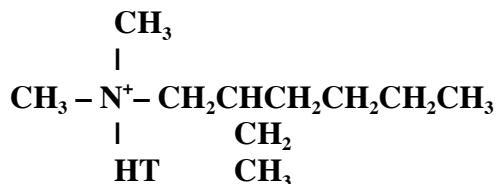
Cloisite® 25A is a natural montmorillonite modified with a quaternary ammonium salt.

Designed Used:

Cloisite® 25A is an additive for plastics to improve various plastic physical properties, such as reinforcement, HDT, CLTE and barrier.

Typical Properties:

<u>Treatment/Properties:</u>	Organic Modifier (1)	Modifier Concentration	% Moisture	% Weight Loss on Ignition
Cloisite® 25A	2MHTL8	95 meq/100g clay	< 2%	34%



Where HT is Hydrogenated Tallow (~65% C18; ~30% C16; ~5% C14)

Anion: methyl sulfate

(1) 2MHTL8: dimethyl, dehydrogenated tallow, 2-ethylhexyl quaternary ammonium

Typical Dry Particle Sizes: (microns, by volume)

10% less than:	50% less than:	90% less than:
2µm	6µm	13µm

Color: Off White

Density:

Loose Bulk, lbs/ft ³	Packed Bulk, lbs/ft ³	Density, g/cc
12.08	20.48	1.87

X Ray Results: $d_{001} = 18.6\text{\AA}$

For additional information or technical assistance contact Southern Clay Products, Inc. toll free at 800-324-2891.

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