



Cloisite® 11B

Typical Physical Properties Bulletin

Description:

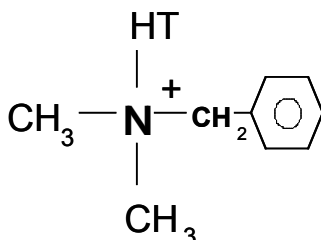
Cloisite® 11B is a natural montmorillonite modified with a quaternary ammonium salt.

Designed Used:

Cloisite® 11B is an additive for plastics and rubbers to improve various physical properties, such as reinforcement, HDT, CLTE, synergistic flame retardant and barrier.

Typical Properties:

Treatment/Properties:	Organic Modifier (1)	Modifier Concentration	% Moisture	% Weight Loss on Ignition
Cloisite® 11B	2MBHT	95 meq/100g clay	< 4%	32.0%



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

Anion: Chloride

(1) 2MBHT: dimethyl, benzyl, hydrogenated tallow, quaternary ammonium

Color: Off White

Density: 2.0g/cc

Dry Particle Size: D50 37_μm

X Ray Results: d₀₀₁ = 18.4Å

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