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Cloisite® Ca⁺⁺ Typical Physical Properties Bulletin

Description:

Cloisite® Ca⁺⁺ is a natural montmorillonite.

Designed Used:

Cloisite® Ca⁺⁺ is an additive for plastics to improve various plastic physical properties such as fire retardancy, reinforcement, HDT, CLTE and barrier.

Typical Properties:

<u>Treatment/Properties:</u>	Organic Modifier	Modifier Concentration	% Moisture	% Weight Loss on Ignition
Cloisite® Ca ⁺⁺	None	None	<9%	7%

Typical Dry Particle Sizes: (microns, by volume)

10% less than:	50% less than:	90% less than:
2µm	10µm	25µm

Color: Off White

Density:

Loose Bulk, lbs/ft ³	Packed Bulk, lbs/ft ³	Density, g/cc
24.65	39.02	2.8

X Ray Results: $d_{001} = 15.5\text{\AA}$

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

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