



Cantal 45-85 (Talc)

CAS # 14807-96-6

Cantal 45-85 is a natural hydrous magnesium silicate, highly lamellar (platy) in particle structure with low impurities. Cantal 45-85 is an economical additive used in caulks, sealants, traffic paint and is used as a dusting agent in rubber.

In paint, Cantal 45-85 is used as a clean, white general filler, to improve scrubability, sag resistance and moisture barrier properties in architectural and industrial coatings.

In polyolefins, Cantal 45-85 offers good colour, imparts stiffness and impact strength along with excellent thermal and dimensional stability.

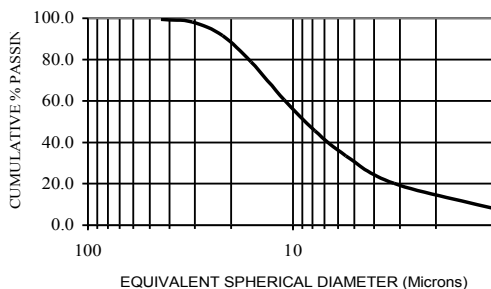
Typical Properties

% Reflectance (Photovolt green filter)	85.0
Median particle dia.(microns by Sedigraph)	8.5
Hegman fineness (ASTM D1210)	4
Minus 44 (microns by Sedigraph)	99
Oil Absorption (g oil/100g)(ASTM D-281)	34
Surface area (M2/g BET)	3.46
Specific gravity(g/cc)	2.8
Bulk Density(lbs/cuft)(ASTM C-110)	
Loose	40.9
Tapped	78.0
Moisture	< 0.3
Colour**	
Hunter L	93.5
Hunter a	-0.7
Hunter b	1.2
Ignition Loss @ 750°C (1382°F)	3

Typical Chemical Analysis

(Calculated as Oxides) %

Al ₂ O ₃	0.96
Fe ₂ O ₃	0.38
MgO	30
SiO ₂	44
Asbestiform Minerals	ND*



*Not detected

**Calculated using Photovolt tristimulus filters.

Note: The properties listed above are typical. These properties should not be construed as rigid specifications unless so indicated. Data herein are based on most recent testing and are offered in good faith as being typical of normal production. It is recommended that the data contained on this sheet be verified as current after one year from date of print.

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