

Specification Sheet

Product Name: **Celite® 545**
Specifications & Purity: filter aid, NaCO₃ treating, flux calcined
SKU #: **C101413**

Parameter	Limit Values
Al ₂ O ₃	0-4 (%)
Median Particle Size	46-47 (µm)
Chiral Derivatization Test	2-25 (%)
Silicon dioxide (SiO ₂)	89.6-100 (%)
MgO	0-0.6 (%)
Na ₂ O + K ₂ O	0-3.3 (%)
Fe ₂ O ₃	0-1.3 (%)
Permeability	2.3-6.5 (Darcy)
Specific gravity	2.2-2.4
TiO ₂	0-0.2 (%)
PH(10% in water)	9-11
Loss on Ignition(1000°C)	0-0.2 (%)
Centrifuged wet density,lbs/ft ³	16.5-23
Moisture,as shipped	0-1 (%)
CaO	0-0.5 (%)
Appearance (C101413)	White to Off-White Powder