

Plasticizers and Suspending Agents for Ceramics and Refractories

SMECTITE CLAY

VEEGUM® T water-washed white-firing smectite clay is used as a suspending agent for glazes, as a plasticizing agent for nonplastic formulations such as high alumina, zirconia and porcelain bodies, and as a nonmigrating binder in extruded bodies.

VEEGUM CER is a blend of **VEEGUM T** and medium viscosity sodium carboxymethylcellulose that gives optimum surface hardening of unfired ceramic glazes for safer handling of the ware. It serves as a hardener, suspending agent and viscosity stabilizer in glazes.

VEEGUM PRO is **VEEGUM T** treated with amine to improve dispersability. It is recommended for use where a minimum amount of water is required and/or only low shear mixers are available.

VAN GEL® B is an economical water-washed bentonite for applications where fired color is not critical.

VAN GEL SX is a blend of water-washed bentonite and xanthan gum that provides high thickening and suspension efficiency for applications where fired color is not critical.

XANTHAN GUM

VANZAN® Xanthan Gum, supplying both thickening and yield value in aqueous compositions, is used as a suspending agent for refractory minerals in mold coatings and for frits and pigments in enamels. It is likewise used a suspending agent and adhesion promoter in ceramic glazes.

	Viscosity
VEEGUM T	250-800 cps / 4% Solids
VEEGUM CER	75-175 cps / 1% Solids
VEEGUM PRO	300-550 cps / 1.5% Solids
VAN GEL B	300-900 cps / 4% Solids
VANGEL SX	300-500 cps / 2% Solids
VANZAN	1400-1600 cps / 1% Solids
VANZAN D	1400-1600 cps / 1% Solids

For technical questions regarding these products or their use in your application, please contact our R&D center at MineralLab@vanderbiltminerals.com or click on the Technical Inquiry link on any www.vanderbiltminerals.com website page.