

Product Description - Ceramic Grade CMC

Description:

Ceramic grade CMC is a special excipient, plasticizer and reinforcer for ceramic industry. It is a kind of anionic cellulose ether. It is a kind of derivatives with ether structure obtained by chemical modification of natural cellulose by grafting hydrophilic groups. CMC can be used in the ceramic industry as an excipient, plasticizer, enhancer for embryonic body, and as a thickening, dispersing and stabilizing agent in ceramic glaze and floral glaze.



Scope of application:

Ceramic grade CMC is mainly used as an additive in the ceramic industry, and is applied in the ceramic embryo body, ceramic glaze paste and flower glaze.

Physical and chemical indexes (analytical methods are available, according to GB1886.232-2016) :

CMC Parameters

Type	C1300	C1500	C1800	C25	CH10	TCH9
1% Viscosity	1200-1400	1400-1600	1600-2000	20-30	1000-1200	200-500
pH	6.5-8.5	6.5-8.5	6.5-8.6	6.5-8.5	6.5-8.5	6.5-8.5
DS	≥0.90	≥0.90	≥0.90	≥1.0	≥1.0	≥1.0
Moisture	≤10%	≤10%	≤10%	≤10%	≤10%	≤10%
NaCl	≤2%	≤2%	≤2%	≤2%	≤2%	≤2%
Gel Particles	≤10	≤10	≤10	≤10	≤10	≤10
Black Particles	≤8	≤8	≤8	≤8	≤8	≤8