

Shengzhou Huali Diatomite Products Co., Ltd | China

CD™ Mineral Fillers

Typical Chemical Properties

Grades	Structure	Chemical Analysis, % by Weight							
		Ignition Loss	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	CaO	MgO	Na ₂ O + K ₂ O
CD011	Natural	7	68.2	16.5	4.6	0.6	0.4	0.5	2.1
CD012		8	67.6	15.8	4.8	0.6	0.4	0.5	2.1
CD020		6	88.8	2.5	1.1	0.2	0.3	0.5	0.5
CD021		6	88.8	2.5	1.1		0.3	0.5	0.5
CD120		5	88.1	3.2	1.3	0.2	0.5	0.5	1.2
CD122		5	88.1	3.2	1.3	0.2	0.5	0.5	1.2
CD040	Calcined	0.9	90.2	3.5	1.3	0.2	0.5	0.5	1.2
CD041		0.9	90.2	3.5	1.3	0.2	0.5	0.5	1.2
CD050	Flux	0.5	89.6	3.8	1.3	0.2	0.5	0.5	2.5
CD051	Calcined	0.5	89.6	3.8	1.3	0.2	0.5	0.5	2.5

Typical Physical Properties

FeiFei®							
Grades	Visual Color	Appearance	Density g/ml	Screen Analysis %		Absorption % by wt.	
				150 Mesh	325 Mesh	Water	Oil
CD011	Lark	Powder	0.32	0.1	1.5	150	130
CD012	Caesious	Powder	0.28	0.1	1.5	160	135
CD020	White	Fine powder	0.09	<0.1	2.0	190	175
CD021	White	Fine powder	0.12	0.5	8	220	210
CD120	gray	Fine powder	0.15	<0.1	2.0	185	170
CD122	Gray	Powder	0.17	0.5	8	220	210
CD040	Pink	Fine powder	0.13	0.0	0.2	185	170
CD041	Pink	Fine powder	0.15	0.0	1.0	190	175
CD050	White	Fine powder	0.15	0.0	0.3	150	120
CD051	White	Fine powder	0.17	0.0	2.0	180	160

FeiFei®						
Grades	SPG	%H ₂ O as Shipped	Refractive Index	Median Particle Size	Surface Area M ² /Gm	PH
CD011	2.2	3-10	1.40	7	20-30	7.0
CD012	2.2	3-10	1.40	9	20-30	7.0
CD020	1.98	6.0	1.40	4	20-30	7.0
CD021	1.98	6.0	1.40	10	20-30	7.0
CD120	2.10	5.0	1.40	4	20-30	7.0
CD122	2.10	5.0	1.40	14	20-30	7.0
CD040	2.25	0.5	1.45	3.5	1-4	7.0
CD041	2.25	0.5	1.45	4.5	1-3.5	7.0
CD050	2.30	0.5	1.48	5	1-3.5	10
CD051	2.30	0.5	1.48	9	1-3.5	10

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