

SHENGZHOU HUALI DIATOMITE PRODUCTS CO., LTD

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Technical Data

Calcined Functional Filler

CD040 / CD041

Physical Properties

Grade	CD040	CD041
Visual Color	Pink & Buff	Pink & Buff
Appearance	Fine powder	Fine powder
Description	Calcined	Calcined
Loose Density g/ml	0.13	0.15
Screen Analysis %		
+ 150 Mesh	0.0	0.0
+ 325 Mesh	0.2	1.0
Absorption % by wt.		
Oil	170	175
Water	185	190
%H ₂ O as Shipped	0.5	0.5
Median Particle Size μm	3.5	4.5
Specific Gravity	2.25	2.25
Refractive Index	1.45	1.45
Surface Area, m ² /g	1-4	1-1.35
pH	7.0	7.0

Chemical Properties

Grade	CD040	CD041
Ignition Loss	0.9	0.9
SiO ₂	90.2	90.2
Al ₂ O ₃	3.5	3.5
Fe ₂ O ₃	1.3	1.3
TiO ₂	0.2	0.2
CaO	0.5	0.5
MgO	0.5	0.5
Na ₂ O + K ₂ O	1.2	1.2