

SHENGZHOU HUALI DIATOMITE PRODUCTS CO., LTD

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Technical Data

Flux Calcined Diatomaceous Earth Functional Fillers

CD050 / CD051 / CD053

Physical Properties

Grade	CD053	CD050	CD051
Visual Color	White	White	White
Structure	Flux Calcined	Flux Calcined	Flux Calcined
Appearance	Fine powder	Fine powder	Fine powder
Loose Density g/ml	0.15	0.15	0.17
Screen Analysis %			
150 Mesh Screen Residue	0.0	0.0	0.0
325 Mesh Screen Residue	0.1	0.3	2.0
Absorption % by wt.			
Oil	120	120	160
Water	150	150	180
Moisture as Shipped	0.5	0.5	0.5
pH	10	10	10
Specific Gravity	2.30	2.30	2.30
Refractive Index	1.48	1.48	1.48
Median Particle Size(microns)	5	5	9
D98 (microns)	15	30	40
Surface Area cm ² /g	100-800	100-800	100-800

Chemical Properties

Grade	CD053	CD050	CD051
Ignition Loss	0.5	0.5	0.5
SiO ₂	89.6	89.6	89.6
Al ₂ O ₃	3.8	3.8	3.8
Fe ₂ O ₃	1.3	1.3	1.3
TiO ₂	0.2	0.2	0.2
CaO	0.5	0.5	0.5
MgO	0.5	0.5	0.5
Na ₂ O + K ₂ O	2.5	2.5	2.5