

SHENGZHOU HUALI DIATOMITE PRODUCTS CO., LTD

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Technical Data

Flux Calcined Diatomaceous Earth Functional Fillers

CD050 / CD053

Physical Properties

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

Chemical Properties

Grade	CD053	CD050
Ignition Loss	0.5	0.5
SiO ₂	89.6	89.6
Al ₂ O ₃	3.8	3.8
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	2.5	2.5