

BA-005 Product Information

Name	Calcium Carbonate
Chemical Formula	Ca CO ₃
Specification	Heavy Weight Calcium Carbonate
Type	BA-005
Market Segment	Paint Industrial Rubber Industrial Chemical Product Water Treatment Industrial

Chemical Analysis

CaCO ₃	98.20 %	Mn O ₂	0.01 %
Fe ₂ O ₃	0.05 %	Mg O	0.015 %
Mg CO ₃	0.44 %	Na ₂ O	0.01 %
Si O ₂	0.26 %	K ₂ O	< 0.01 %
Al ₂ O ₃	0.06 %	Cr ₂ O ₃	< 0.01 %
CaO	55.03 %		

Trace Element

Ni	0,0025 mg/l
Co	0,0050 mg/l
Cr	0,0008 mg/l
Fe	0,0217 mg/l

Physical Properties

Fineness :

Top Cut (d90%)	45.29 μ m
Size Under 45 μ m (325) mesh	89.81 %
Mean Particle Size (d50%)	13.92 μ m
Moisture Content	0.03 %
Whiteness Degree (Hunter)	89 %
Density	1
Residual	0.283 %
Oil Absorption	25.1 g/100 g
Refractive Index	1,59
Lost of Ignation	41.5 %

Particle size analyzer (Malvern Masterizer)

