

Acetylene Black -03

Description

High purity Acetylene Black grades in powder form with structural and electrical properties that make it ideal for a variety of applications such as batteries, conductive coatings, and rubber compounds.

Properties

SPECIFICATION PROPERTIES	AB50%-03	AB75%-03	AB100%-03	ABHC2-03 (high conductivity)
Ash Content, wt%	≤0.3	≤0.3	≤0.2	≤0.1
Grit (325 sieve), wt%	≤0.02	≤0.02	≤0.02	≤0.001
Moisture, wt%	≤0.40	≤0.40	≤0.30	≤0.2
Electrical Resistivity, ohm-cm	≤0.30	≤0.30	≤0.30	≤0.25
pH Value	6 - 8	6 - 8	6 - 8	7 - 9
Acetone Absorption ml/5g	not reported	not reported	≥19	≥21
Oil Absorption Number (OAN), ml/100g	240 - 260	220 - 240	190 - 210	230 - 250
TYPICAL PROPERTIES				
Hydrochloric Acid Absorption Number, ml/g	4.3	3.9	3.8	--
Carbon Content, %	≥99.5	≥99.5	≥99.5	≥99.5
Iodine Absorption Number	100	100	100	80
Bulk Density, g/ml	0.065	0.111	0.118	0.105
BET Surface Area, m ² /g	90	90	90	68
Iron Content, ppm	--	--	--	≤10
Mean Particle Size, nm	40	40	40	40

Packaging

Available in paperbags and polybags.

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