

Acetylene Black Li-Series-03

Description

The high-purity acetylene carbon black that has excellent conductivity, thermal conductivity, and coloring properties. Acetylene Black has a complete range of varieties, which are granulated, compressed, and modified on a powdered basis, making it more convenient for customers to use.

Properties

SPECIFICATION PROPERTIES	Method	ABLi1-03	ABLi2-03	ABLiG1-03
Apparent Specific Volume, mL/g	INTERNAL	3.0-5.0	3.0-5.0	3.0-5.0
Electrical Resistivity, $\Omega \cdot \text{cm}$	INTERNAL	≤ 0.25	≤ 0.25	≤ 0.25
pH Value	ASTM D-1512	6.5 - 10.0	6.5 - 10.0	6.5 - 10.0
Ash Content, wt%	ASTM D-1506	≤ 0.10	≤ 0.10	≤ 0.10
Oil Absorption Number (OAN), ml/100g	ASTM D-2414	≥ 220	≥ 310	≥ 170
Moisture, wt%	ASTM D-1509	≤ 0.20	≤ 0.20	≤ 0.20
TYPICAL PROPERTIES				
BET Specific Surface Area, m ² /g	--	80	140	90
Iodine Absorption, g/kg	ASTM D-1510	--	--	--
Average Partical Size, nm	--	40	29	40
S, ppm	--	--	--	--
P, ppm	--	--	--	--
Fe, ppm	--	≤ 10	≤ 10	≤ 10
Cr, ppm	--	--	--	--
Ni, ppm	--	--	--	--
Zn, ppm	--	--	--	--
Cu, ppm	--	--	--	--
Sn, ppm	--	--	--	--

Packaging

Available in 22 lb. paperbags.

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