

# AB50P

## Acetylene Black (AB)

### Description:

AB50P is a highly pure Acetylene Black produced through self – heating paralysis of acetylene gas. It is composed of larger crystallite forms, longer chain structure and has less impurity than other Carbon Black. These unique properties result in high electrical and thermal conductivity, low moisture absorption, and high liquid absorption. It has been used as a basic material for producing dry cell, as well as the additive to the antistatic and electrically conductive rubber or plastic material which is used in various industrial fields, such as electric wires and cables, tires, belt, hoses, paints, adhesives and many electronics parts.

Physical Properties:	Method	Unit	Value
Appearance			Black Powder
Compressed		%	50
Moisture content		%	Max 0.30
Ash Content		%	Max 0.20
Coarse particles		%	Max 0.02
Pour density		g/cc	0.085 - 0.095
HCl Absorption Number		cc/5g	Min 15.0
Electrical resistivity		( $\Omega$ .cm )	Max 0.25

### Packaging

**AB 50P** is supplied in paper bag 10 kg net each.

**Remark:** The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitability of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.