

# YS

## Product Information 0607

### PHYSICO-CHEMICAL PROPERTIES

PARAMETER	METHOD	UNIT	VALUE
BET surface area	following ASTM D 6556	m <sup>2</sup> /g	63
Acetone absorption stiffness		m <sup>3</sup> /5 g	31
Bulk density		g/cm <sup>3</sup>	0.07
Ash content	following ASTM D 1506	%	<0.01
Electrical resistance		Ωxcm	0.5
Sulphur	ICP-OES	%	<0.05

### GENERAL DESCRIPTION

Acetylene carbon black, produced by the thermal exothermic decomposition of acetylene gas leading to pure grades with high conductivity.

### CHEMICAL DESCRIPTION

Industrially produced specialty carbon black

### APPLICATION

Batteries and paints

### FORMS OF SUPPLY

Powder, available in 10 kg paper bags

### STORAGE CONDITIONS

The high surface area of specialty carbon blacks bears the inherent risk of adsorption of vapors and/or gases, which in turn impacts the product's application relevant properties. It is therefore recommended to always store specialty carbon blacks out of reach of potential contaminants and sources of contamination. Storage temperatures should not exceed 50°C.

Carbon black should be stored under cool and dry conditions. Please refer to our product safety data sheet. Densification or adsorption processes etc. may adversely affect the product's application relevant properties. This also applies to storage in silos or other closed containers. Double stacking of pallets is not recommended.

### TECHNICAL LITERATURE

Technical literature on the use of specialty carbon blacks can be ordered at the below mentioned address.

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OEC-PI 0607-03/2024