

# Y70

## Product Information

0605

### Physico-Chemical Properties

Parameter	Method	Unit	Value
BET Surface Area	following ASTM D 6556	m <sup>2</sup> /g	70
Acetone Absorption Stiffness		m <sup>3</sup> /5 g	32
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

### 1. General Description

Acetylene Carbon Black, produced by the thermal exothermic decomposition of acetylene gas leading to pure grades with morphologies exhibiting high conductivity.

### 2. Chemical Description

Industrially produced Specialty Carbon Black

### 3. Application

Batteries, cables, paints, and varnishes

### 4. Forms of Supply

Powder, available in 10 kg paper bags

### 5. 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.

### 6. Technical Literature

Technical literature on the use of Specialty Carbon Blacks can be ordered from the contact information on the backside.



#### The Americas

Orion Engineered Carbons LLC  
1700 City Plaza Drive, Suite 300  
Spring, TX 77389  
USA  
Phone +1 832 445 3300

AMERICAS@orioncarbons.com

#### Europe/ Middle East/ Africa

Orion Engineered Carbons GmbH  
Hahnstraße 49  
60528 Frankfurt am Main  
Germany  
Phone +49 69 36 50 54 100

EMEA@orioncarbons.com

#### Asia Pacific

Orion Engineered Carbons Trading (Shanghai) Co., Ltd.  
BM Intercontinental Business Centre, Room 3701-3702  
100 Yutong Road  
200070 Shanghai, China  
Phone +86 21 6107 0966

APAC@orioncarbons.com

#### Global Corporate Headquarters

Orion Engineered Carbons S.A., 6 Route de Trèves, L-2633 Senningerberg, Luxembourg, Phone +352 27 04 80 60

**[www.orioncarbons.com](http://www.orioncarbons.com)**

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