



DATA-SHEET

SPECIFICATION & DATA SHEET 物质规格数据表		Chemical Analysis: 化学分析	
Product Code: 产品编码	RF0401 3 202 32	Chemical Name: 化学名称	Conductive carbon black 导电炭黑
Trade Name: 商品名称	Carbon black F-900C 炭黑 F-900C	CAS No.: CAS 编号:	001333-86-4
Synonym 同类名称	F-900C		

Product Information: 产品资料

***Specification 规格

Appearance (visual inspection): 外观(目测)	Black Granule 黑色颗粒	DBP 吸收值(m1/g) DBP absorption value (m1/g)	115-140
粒径(nm) Particle size (nm)	9-17	电阻率 (Ω · m) Resistivity (Ω · m)	2.5-3.0
Iodine adsorption number Mg/g 吸碘值 Mg/g	180	Loss on drying % ≤ 加热减量% ≤	0.5
灰分 % Ash Content %	1.5-2.0	PH value PH 值	7.5-9
筛余物 % ≤ Sieve residue % ≤	0.02	杂质 Impurity	None 无

***Typical Properties 主要特性

Conductive carbon black F-900C has the characteristics of low resistance or high electrical resistance, which can impart electrical or antistatic effects to the product. It is characterized by small particle size, large specific surface area and roughness, high structure, and clean surface (less compound).

导电炭黑 F-900C 具有低电阻或高电阻性能的特点, 能赋予制品导电或防静电作用。其特点为粒径小, 比表面积大且粗糙, 结构高, 表面洁净(化合物少)等。

***Recommended Applications 应用推荐

Used in different products such as conductive rubber, conductive plastics, radio components, etc. High Conductive Carbon Black F901 is a new type of high-structure ultra-high conductive carbon black F900 with fine particle size, large specific surface area and excellent electrical conductivity. Its main performance exceeds acetylene conductive carbon black, and exceeds VXC-72 (Vulcan XC-72, ASTM N472) of Cabot Company of America, Printex L6 of Degussa Company of Germany and 3350B of Mitsubishi Corporation of Japan. Conductive carbon black, similar to the Ketjen black EC300J, 600JD type of AKZO (Axu Nobel), Printex XE-2B of Degussa, Germany, and BP2000 (Black Pearls 2000) of Cabot Corporation of the United States.

用于不同的产品, 如导电橡胶、导电塑料、无线电元件等。高导电炭黑 F901 是一种新型的高结构超导电炭黑 F900, 粒度细, 比表面积大, 导电性能优异。其主要性能超过乙炔导电炭黑, 并超过美国 Cabot (卡博特) 公司的 VXC-72 (Vulcan XC-72, ASTM N472)、德国 Degussa (德固萨) 公司的 Printex L6 及日本三菱公司的 3350B 型导电炭黑, 与荷兰 AKZO (阿克苏·诺贝尔) 公司的科琴炭黑 Ketjen black EC300J、600JD 型、德国 Degussa 公司的 Printex XE-2B 及美国 Cabot 公司的 BP2000 (Black Pearls 2000) 相似。

***Handling and Storage recommendations

Avoid dust exposures above the occupational exposure limit. Wash exposed skin daily. Use local exhaust ventilation to control exposures to below occupational exposure Store away from ignition sources and strong oxidizers.
It can be store on 24 months with the common storing condition.

避免空气中的灰尘高于职业的含量极限, 每天清洗接触到的皮肤。使用地方排风将空气中含量控制在规定的职业含量以下, 远离热源和强氧化剂。
一般条件下可以存贮 24 个月。

***Package 包装

Bag: 20kg/bag 袋装: 20kg/bag	Pallet(1.1*1.1*0.1): 440kg/P 托盘(1.1*1.1*0.1) : 440kg/P
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