



阿泰克公司常用石墨的技术参数

Data Sheet of Graphite Feedstock Used in Artech

成都阿泰克HLM进口挤压石墨技术参数
Data Sheet of HLM-imprted Extruded Graphite

参数 Properties	圆柱体料 In Shape of Rods				长方体料 In Shape of Cuboids			Remarks 备注
	Φ75-Φ350 mm	>Φ350-Φ780 mm	Φ915 mm	Φ1015 mm	<670 mm	760 mm	1220 mm	以下 "P" 值是指平行于石墨挤压方向的数值
密度 g/cm ³ Bulk Density	1.74	1.7	1.77	1.78	1.7	1.72	1.79	"P" value-parallel to longitudinal direction of grain
开口气孔率 % Open Porosity	16	17	21	21	17	23	20	以下 "V" 值是指垂直于石墨挤压方向的数值
最大粒度 in mm Max. Grain Size	0.8	0.8	1.65	1.65	0.8	0.8	1.65	"V" value-vertical to longitudinal direction of grain
电阻率 μΩm Specific Electrical Resistance	6.7	7.3	9.4	9.1	7.3	7.1	8.6	P
	9.2	9.4	12.4	10.2	9.4	10.7	10.7	V
杨氏模量 KN/mm ² Young's Modulus	14	10	10.2	9.7	10	11.3	10	P
	10	9	7.4	8.3	9	6.7	8	V
抗折强度 N/mm ² Flexural Strength	26	18	17	15	18	16.5	16	P
	19	17	15	15	17	13.8	16	V
抗压强度 N/mm ² Compressive Strength	55	39	44	42	39	37.2	42.7	P
	40	35	42.5	42	35	40	42.7	V
抗张强度 N/mm ² Tensile Strength	18	13	12	10	13	12.4	11.7	P
	13	12	10	10	12	10.3	11.7	V
线性热膨胀系数 μm/K.m Linear Coefficient of Thermal Expansion (20-200℃)	2.1	2.1	2.1	2.2	2.1	1.4	2.4	P
	3.7	3.1	3.2	2.9	3.1	2.9	3.6	V
导热率 W/K.m Thermal Conductivity	200	180	140	140	180	180	150	P
	150	140	105	130	140	120	120	V
灰分含量 % Ash Content	<0.1	<0.1	0.3	0.3	<0.1	0.15	0.3	

本样本的编写是基于我们目前所掌握的知识，其目的是为客户大致介绍我们的产品及其用途。故不应该将所介绍的特定用途某种产品的技术参数视作其合格与否的保证值

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

地址：成都市崇州经济开发区华业路，邮编：611230

<http://www.artech-graphite.com>

电话：028-82602128 028-82602818，传真：028-82602655

E-Mail: graphitecn@163.com