



产品说明书

Material Specification

改性尼龙 66 材料

Modified Polyamide66 Materials

材料名称 Material Code	AG7BK-S04
主要特征 FEATURES	<ul style="list-style-type: none">● Glass Fiber Reinforced● Available In Custom Color
主要应用 APPLICATIONS	<ul style="list-style-type: none">● Injection Moulding● Railway parts

性能 Properties:

	测试标准 Test Standard	测试条件 Test Condition	国际单位 S.I. Units	典型值 S.I. Typical Values
物理性能 Physical				
比重 Specific Gravity	ISO1183	23 °C	g/cm ³	1.40
灰份 Ash Content	ISO1172		%	33
机械性能 Mechanical				
拉伸强度 Tensile Strength	ISO527	/	MPa	160
弯曲强度 Flexural Strength	ISO178	/	MPa	225
简支梁缺口冲击强度 Impact Strength, Charpy unnotched	ISO180	23 °C	KJ/m ²	95
洛氏硬度 Rockwell Hardness	ISO2039-2		R	117
电性能 Electrical				
体积电阻率 (干态) Volume resistivity (Dry)	IEC60093		Ω	10 ¹⁵
体积电阻率 (湿态) Volume resistivity (Wet)	IEC60093		Ω	10 ¹¹
其他 Others				
熔点 Melting Point	ISO3146		°C	260

Note: Typical properties; not to be construed as specifications.

典型加工条件 Typical Processing Conditions

		典型值 Start Point	范围 Range
料筒温度 Barrel Zone Temp.	后段, Rear	260°C	255-270°C
	中段, Center	280°C	275-290°C
	前段, Front	270°C	265-280°C
模具温度 Mold Temp.		70°C	60-100°C
注射压力 Injection Pressure (MPa)		90~120	
保压压力 Hold Pressure (MPa)		40~60	
注塑速度 Injection Speed (%)		60~95	
螺杆转速 Screw Speed (rpm)		80~100	
背压 Back Pressure (Mpa)		0~5	
预干燥 Pre-Dry Requirements	鼓风烘箱 Blast Drying Oven	120~140°C*2~5hr	
	料斗式热风循环 Hot air circulating (Hopper)	110~140°C*2~5hr	
	真空烘箱 Vacuum drying oven	110~120°C*4hr	

Note: Typical Processing Conditions; not to be construed as specifications.

其他注意事项 Miscellaneous Information

For the details of the Nanjing Julong Science & Technology CO., LTD selling this product in your country, please contact with Ms. May Liu, Tel: 0086-25-58647480, E-mail:mx_liu@njjulong.cn

Before using a Nanjing Julong product, customers and other users should make their own independent determination that the product is suitable for the intended use. They should also ensure that they can use the Nanjing Julong product safely and legally. This document does not constitute a warranty, express or implied, including a warranty of merchantability or fitness for a particular purpose.