



名称:

ABS

牌号:

A08-FR865 NA

产品简介 Product Description	主要应用 Applications
·环保级 Environmentally friendly grade	· 打印机, 电子电器和办公用品 Printer, Electronic appliances and office supplies
·高阻燃级别 High flame retardant level	·良好的机械性能 Good mechanical properties balance

性能 Properties	测试标准 ASTM	测试条件 Test Condition	单位 Units	典型值 Typical Values
<b>物理性能 Physical properties</b>				
密度 Specific Gravity	D792	23°C	g/cm <sup>3</sup>	1.17
收缩率 Mold Shrinkage	INTERNAL	2mm	%	0.4-0.7
融指 MFR	D1238	220°C, 10kg	g/10min	30
<b>机械性能 Mechanical properties</b>				
拉伸强度 Tensile Strength	D638	50mm/min	MPa	40
伸长率 Elongation at break	D638	50mm/min	%	10
弯曲强度 Flexural Strength	D790	2mm/min	MPa	67
弯曲模量 Flexural Modulus	D790	2mm/min	MPa	2100
悬臂梁缺口冲击强度 Impact Strength, IZOD notched	D256	3.2mm, 23°C	KJ/m <sup>2</sup>	18
<b>耐热特征 Thermal</b>				
热变形温度 Heat Distortion	D648	0.45Mpa, 6.4mm	°C	82
<b>其它性能 Other properties</b>				
阻燃性 Flammability	UL94	1.5mm	Class	V0

**说明:** 以上数据是典型值, 不是保证值。根据模具设计, 例如浇口类型, 浇口分布, 浇口数量的不同, 注塑工艺和制件厚度的不同, 测试结果会有波动。不同的颜色, 测试结果也会有波动。在使用材料之前, 请咨询拓扑新材料有限公司。

**Note:** The data above is typical value for reference, not guarantee value. The data will vary with tool design such as gate type, gate location, gate number, injection molding process and part thickness. The data will vary with different color as well. Prior to use the material, please consult with TOPO NEW Material Co., Ltd.

典型加工条件 Processing Conditions	参考范围 Range
预干燥 Pre-Dry	80°C, 3hr
注塑压力 Injection Pressure	60-100MPa
注塑速度 Injection Speed	50-80
模具温度 Mold Temp.	70°C
加工温度上限 Processing Temp.Limit	230°C
熔体温度 Melt Temp.	210°C

**说明:** 以上数值仅供注塑机参考使用, 可根据不同机型、不同模具以及产品要求, 对上述工艺做适当调整。

**Note:** The above process condition is only for reference. The actual process should be adjusted according to different type of machine, mold design and product design.