

## F332

ABS 树脂 / ABS Resin

F332 是一种通用注塑级 ABS，具有良好的流动性、抗冲击性和优异的热稳定性。

F332 is a general-purpose injection molding grade ABS material, featuring excellent fluidity, impact resistance and outstanding thermal stability.

F332 适用于汽车内外饰、家电等多种应用领域，也可用于改性产品。

F332 is applicable to various application fields such as automotive interior and exterior decorations, household appliances, etc., and can also be used for modified products.

### 性能特点 Benefits

中高耐热 Medium-high heat resistance

极佳的光泽度 Excellent glossiness

中等冲击强度 Medium impact strength

### 应用领域 Applications

汽车内部件 Automobile interior components

家电 Home appliances

塑料改性 Plastic Modification

性能 Properties	测试方法 Test Method	测试条件 Test Condition	典型值 Nominal Value
<b>物理性能 Physical Properties</b>			
密度 Density	ISO 1183-1	23°C	1.04 g/cm <sup>3</sup>
熔体质量流动速率 Melt Mass-Flow Rate (MFR)	ISO 1133	220°C/10kg	16 g/10min
模塑收缩率 Molding Shrinkage	ISO 294-4	23°C	0.4-0.7%
<b>机械性能 Mechanical Properties</b>			
拉伸屈服强度 Tensile Strength at Yield	ISO 527	50 mm/min	48 MPa
拉伸断裂伸长率 Tensile Elongation at Break	ISO 527	50 mm/min	15%
拉伸模量 Tensile Modulus	ISO 527	1 mm/min	2350 MPa
弯曲强度 Flexural Strength	ISO 178	2 mm/min	70 MPa
弯曲模量 Flexural Modulus	ISO 178	2 mm/min	2200 MPa
悬臂梁缺口冲击强度 Izod Notched Impact Strength	ISO 180	23°C, 5.5J, A 缺	19 kJ/m <sup>2</sup>
<b>热性能 Thermal Properties</b>			
热变形温度 Deflection Temperature Under Load	ISO 75-2	1.8 MPa	83 °C
维卡软化温度 Vicat Softening Temperature	ISO 306	50N, 50°C/h	102 °C

备注：数据为典型值，仅供参考，不作为品质指标及其他用途的保证。

The data are typical values for reference only and are not used as quality specifications or other purposes.

## 加工工艺参数推荐

### Recommended Processing Parameters

#### 注塑成型 Injection Molding

建议在 80°C 下的空气循环烘箱中预干燥 2-4 小时。

Pre-drying is required at 80°C for 2-4 hours in an air circulating oven.

熔体温度 Melt Temp 220-260°C

模具温度 Mould Temp 40-70°C

**备注：**以上加工参数仅供参考，实际工艺参数应根据不同机型、模具以及产品设计等进行适当调整。

The above processing parameters are for reference only. Actual processing parameters should be adjusted appropriately according to different equipment, molds and products.

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