

L322

ABS 树脂 / ABS Resin

L322 是一种高流动注塑级 ABS，具有极佳的流动性、抗冲击性和热稳定性。
 L322 is a high-flow injection molding grade ABS material, featuring excellent fluidity, impact resistance and thermal stability.

L322 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。
 L322 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	应用领域 Applications
极佳的流动性 Excellent fluidity	汽车内部件 Automobile interior components
中等冲击强度 Medium impact strength	家电及改性 Home appliances & Modification
良好的加工性能 Good processing performance	家居用品及玩具 Household items & Toys

性能 Properties	测试方法 Test Method	测试条件 Test Condition	典型值 Nominal Value
物理性能 Physical Properties			
密度 Density	ISO 1183	23°C	1.04 g/cm ³
熔体质量流动速率 Melt Mass-Flow Rate (MFR)	ISO 1133	220°C/10kg	28 g/10min
模塑收缩率 Molding Shrinkage	ISO 294/4	23°C	0.4-0.7%
机械性能 Mechanical Properties			
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	2400 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 180/1A	23°C, 5.5J	20 kJ/m ²
热性能 Thermal Properties			
热变形温度 Heat Deformation Temperature	ISO 75-2/A	1.8 MPa	78 °C
维卡软化温度 Vicat Softening Temperature	ISO 306/B50	50N, 50°C/h	97 °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 220-240°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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