

B432/E

ABS 树脂 / ABS Resin

B432/E 是一款通用型 ABS 树脂。具有刚性与韧性良好的平衡、流动性能和优良的热稳定性。

B432/E is a general-purpose ABS resin. It features a good balance of rigidity and toughness, excellent liquidity, and outstanding thermal stability.

B432/E 可用于聚合物合金、注塑和板材挤出，赋予产品良好的抗冲击和热稳定等优良性能。该材料适用于制冷、卫生、汽车、包装和家具（型材）等多种应用领域。

B432/E can be used in polymer alloys, injection molding and sheet extrusion, endowing products with excellent properties such as good impact resistance and thermal stability. This material is suitable for a wide range of applications including refrigeration, hygiene, automotive, packaging and furniture (profiles).

性能特点 Benefits

中高耐热 Medium-high heat resistance

中等流动 Medium liquidity

高抗冲 High impact resistance

应用领域 Applications

挤出/共挤板材 Extruded or Co-extruded Sheets

汽车内部件 Automobile interior components

聚合物合金 Polymer Alloys

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 1183-1	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	9 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	43 MPa
拉伸断裂伸长率 Tensile Elongation at Break	ISO 527	50 mm/min	20%
拉伸模量 Tensile Modulus	ISO 527	1 mm/min	2100 MPa
弯曲强度 Flexural Strength	ISO 178	2 mm/min	60 MPa
弯曲模量 Flexural Modulus	ISO 178	2 mm/min	2000 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 ²
热性能 Thermal Properties			
热变形温度 Deflection Temperature Under Load	ISO 75-2	1.8 MPa	82 °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

挤出成型 Extrusion

如无排气，建议在 80°C 下的空气循环烘箱中预干燥 2-4 小时。

If no venting, pre-drying required at 80°C for 2-4 hours in an air circulating oven.

熔体温度 190-230°C

Melt temperature 190-230°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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