

B532/E

ABS 树脂 / ABS Resin

B532/E 是一款通用型挤出级 ABS 树脂。具有刚性与韧性良好的平衡，其流变性能和优良的热稳定性，有利于薄板和厚板的挤出成型。

B532/E is a general-purpose extrusion-grade ABS resin, featuring a good balance of rigidity and toughness. Its rheological properties and excellent thermal stability are conducive to the extrusion molding of thin and thick sheets.

B532/E 广泛用于挤出和共挤板材，赋予产品良好的表面光洁度和高拉伸比等优良性能。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。

B532/E is widely used in extrusion and co-extrusion of sheet materials, providing products with excellent surface smoothness and high stretch ratio and other superior properties. This material is applicable to various application fields such as refrigeration, hygiene, automobiles, packaging and furniture (profiles).

性能特点 Benefits

中高耐热 Medium-high heat resistance

高拉伸比 High stretch ratio

良好的表面光洁度 Good surface smoothness

应用领域 Applications

汽车及改性 Auto applications & Modification

型材 Profiles

挤出/共挤板材 Extruded or Co-extruded Sheets

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	5.5 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	2300 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	22 kJ/m ²
热性能 Thermal Properties			
热变形温度 Heat Deformation Temperature	ISO 75-2/A	1.8 MPa	82 °C
维卡软化温度 Vicat Softening Temperature	ISO 306	50N, 50°C/h	103 °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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