# ABS 色母 (DY-MB20-04)

ABS MB (DY-MB20-04)

## 一般信息
## General Information

| | | | |
|---|---|---|---|
| | 特征<br>Features | ● 高着色<br>● 高强度 | General Purpose<br>High Rigidity |
| | 应用<br>Uses | ● 电器产品<br>●Electronics and Electrical Products | |
| | 形态<br>Forms | ● 粒子<br>● Pellets | |
| | 加工方法及添加量<br>Processing Method | ● 注塑 **4%**添加<br>● Injection Molding **4%** | |

## 产品性能
## Typical Properties

| | | 测试标准<br>Test standard | 测试条件<br>Test Condition | 典型值<br>Typical Value |
|---|---|---|---|---|
| **物理性能<br>Physical** | 熔融指数<br>Melt Flow Index | ASTM D1238 | 220℃/10kg | 15g/10min |
| | 密度<br>Specific Gravity | ASTM D792 | 23℃ | 1.05g/cm$^3$ |
| | 成型收缩率<br>Mold Shrinkage | ASTM D955 | 23℃ | 0.3-0.6% |
| **力学性能<br>Mechanical** | 拉伸强度<br>Tensile Strength | ASTM D638 | 50mm/min | 45MPa |
| | 断裂伸长率<br>Tensile Elongation | ASTM D638 | 50mm/min | 12% |
| | 弯曲强度<br>Flexural Strength | ASTM D790 | 1.3mm/min | 75Mpa |
| | 弯曲模量<br>Flexural Modulus | ASTM D790 | 1.3mm/min | 2250Mpa |
| | 悬臂梁缺口冲击强度<br>Izod Notched Impact Strength | ASTM D256 | 23℃ | 200J/m |
| **燃烧<br>Firing** | 水平燃烧<br>Horizontal Burning | UL-94 | 3.0mm | HB |

**备注：**

**Note：**

1. 所有数据为实验室典型值，仅供参考，不作为产品标准。
   All data are typical values from laboratory. The data are used for reference only, not as production standard.
2. 生产时避免材料和其他材料、灰尘及杂物接触。
   Avoid contact with other materials, dust and debris in the injection processing.
3. 注塑时避免材料长时间停留在螺杆中。
   Avoid long time stay in the barrel in the injection processing.