

Toyolac® 950 ME1 MABS

TECHNICAL DATA

产品说明

Type:

- Transparent

Features:

- Medical, Chemical resistant

特性 • 耐化学品性能，良好

用途 • 医疗/护理用品 • 医疗器材

机构评级 • DMF 30280 • ISO 10993 Part 11 • ISO 10993 Part 5
• ISO 10993 Part 10 • ISO 10993 Part 4 • USP 第 VI 类

外观 • 清晰/透明

加工方法 • 薄膜挤出 • 片材挤出成型 • 注射成型

ISO Designation • >MABS<

ASTM & ISO 属性

物理性能	额定值	单位制	测试方法
密度 (23°C)	1.09	g/cm³	ISO 1183
熔流率 (熔体流动速率) (220°C/10.0 kg)	18	g/10 min	ISO 1133
收缩率 ¹	0.40 – 0.60	%	内部方法
机械性能	额定值	单位制	测试方法
拉伸应力 (23°C)	50.0	MPa	ISO 527-2
拉伸应变 (断裂, 23°C)	14	%	ISO 527-2
弯曲模量 (23°C)	2.18	GPa	ISO 178
弯曲应力 (23°C)	71.0	MPa	ISO 178
冲击性能	额定值	单位制	测试方法
简支梁缺口冲击强度 (23°C)	14	kJ/m²	ISO 179
硬度	额定值	单位制	测试方法
洛氏硬度 (R 计秤, 23°C)	110		ISO 2039-2
热性能	额定值	单位制	测试方法
热变形温度 (1.8 MPa, 未退火)	75.0	°C	ISO 75-2/A
维卡软化温度	80.0 – 85.0	°C	
可燃性	额定值	单位制	测试方法
UL 阻燃等级 (0.200 mm)	HB		UL 94
光学性能	额定值	单位制	测试方法
透射率 ¹ (总计, 3000 µm)	86.0	%	ISO 13468
雾度 ¹ (3000 µm)	3.00	%	ISO 14782

备注

¹ 23°C/50%RH



Remarks for Handling

1. The figures described herein are representative values of natural colors obtained based on the specific test method, and are NOT guaranteed values.
2. For our colored products, the figures described herein will vary depending on the type and amount of pigment, dye, and additive used.
3. The information contained herein is currently information we can reasonably obtain. The information may be revised without notice.
4. The information contained herein, including but not limited to application examples, does NOT represent, warrant or guarantee the quality or safety of your products. When using our products for your or third party's products, in consideration of various relevant laws and regulations, industrial property rights, product standards, self-regulatory standards, etc., please conduct product test etc. and confirm the quality or safety by yourself.
5. The basis that show the combustion resistance described herein is only the evaluation result in the test performed on the test piece prepared by the procedure in accordance with each specific standard. It can NOT be applied to the risk assessment in an actual fire. Note: For UL certification values, please refer to the Yellow card issued by UL (File No. E41797).
6. When using with medical devices, food packages, safety instruments or toys for infant, and so on, consult us about the concrete application and usage beforehand by all means. Do NOT use our products for any medical internal implantation.
7. Regarding export of our products and exports of products incorporating our products, please comply with relevant laws and regulations such as foreign exchange and foreign trade laws.
8. Under the chemical substance management system of each country, the chemical substance used in our products is regulated, and it may be necessary to apply separately or it may not be possible to import or export. If you are an exporter or importer of our products, please contact us for regulatory compliance in your country.
9. Refer to Safety Data Sheet for this our product before use.
10. We make NO representation, warranty or guarantee whether expressed or implied, in respect of fitness for a particular purpose and safety of our products for your products. You will be responsible for ascertaining the suitability of our products for your purpose and safety.
11. Use of any recycled material in the process is limited to a blending ratio of 25 percent or less by weight if UL746D is applied. Some materials of certain grades have been registered as fit for blending by 25 percent by weight or more.

