

TPX® MX002O

聚甲基戊烯共聚物

Mitsui Chemicals, Inc.



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Technical Data

总体

材料状态	• 已商用：当前有效
Search for UL Yellow Card	• TPX®
供货地区	• 亚太地区 • 欧洲
性能特点	• Semi Rigid
机构评级	• FDA 未评级
形式	• 颗粒料
加工方法	• 吹塑成型 • 挤出 • 注射成型

物理性能	额定值	单位制	测试方法
密度	0.835 g/cm ³		ASTM D1505
熔流率	21 g/10 min		ASTM D1238
收缩率			ASTM D955
流动	1.6 %		
横向流动	1.6 %		
机械性能	额定值	单位制	测试方法
拉伸模量 (23°C)	785 MPa		ASTM D638
抗张强度			ASTM D638
屈服, 23°C	20.0 MPa		
23°C	20.0 MPa		
伸长率 (断裂, 23°C)	60 %		ASTM D638
弯曲模量 (23°C)	641 MPa		ASTM D790
弯曲强度 (23°C)	25.0 MPa		ASTM D790
硬度	额定值	单位制	测试方法
洛氏硬度 (R 计秤)	62		ASTM D785
热性能	额定值	单位制	测试方法
热变形温度 (0.45 MPa, 未退火)	75.0 °C		ASTM D648
维卡软化温度	151 °C		ASTM D1525
熔融温度	222 °C		
线形膨胀系数 - 流动	0.00038 cm/cm/°C		ASTM D696
电气性能	额定值	单位制	测试方法
体积电阻率	1.0E+16 ohm·cm		ASTM D257
介电强度	63 kV/mm		ASTM D149
介电常数	2.12		ASTM D150
光学性能	额定值	单位制	测试方法
折射率	1.463		ASTM D542
透明度	93.0		ASTM D1746
雾度	0.90 %		ASTM D1003

补充信息

Unnotched Izod Impact, ASTM D256, 23°C: 98 kJ/m²

备注

¹ 一般属性：这些不能被视为规格。

购买地点

Supplier

Mitsui Chemicals, Inc.
Tokyo, Japan
Telephone: 81-3-6253-2100
Web: <http://www.mitsui-chem.co.jp/>

Distributor

Nexeo Solutions - Europe
Nexeo Solutions is a Pan European distribution company. Contact Nexeo for availability of individual products by country.
Telephone: +34-93-480-9125
Web: <http://www.nexeosolutions.com/>
Availability: France



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