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SABIC® PP 511MK46

抗冲击共聚聚丙烯

SABIC

Technical Data

产品说明

SABIC® PP 511MK46 is specially developed for producing injection molded articles. This grade contains nucleating & antistatic agents. It has medium-high flow properties in combination with excellent impact / stiffness balance and excellent organoleptic properties.

SABIC® PP 511MK46 encompasses the following features: excellent top load strength & down gauging potential; excellent impact resistance; excellent isotropic shrinkage performance (dimensional stability); high crystallization temperature and excellent flow behavior (lower cycle time); clean product in combination of low / no odor & taste.

总览

用途
- 电器用具
- 硬包装

物理性能	额定值 单位制	测试方法
密度 / 比重 [3]	0.903 g/cm³	ASTM D792
熔流率（熔体流动速率）(230°C/2.16 kg)	30 g/10 min	ASTM D1238
机械性能	**额定值 单位制**	**测试方法**
抗张强度 (屈服, 注塑)	26.0 MPa	ASTM D638
伸长率 (屈服, 注塑)	5.0 %	ASTM D638
弯曲模量 - 1% 正割		
注塑	1160 MPa	ASTM D790A
注塑	1310 MPa	ASTM D790B
冲击性能	**额定值 单位制**	**测试方法**
悬壁梁缺口冲击强度		ASTM D256
-20°C, 注塑	50 J/m	
23°C, 注塑	90 J/m	
硬度	**额定值 单位制**	**测试方法**
洛氏硬度 (R 级, 注塑)	98	ASTM D785
热性能	**额定值 单位制**	**测试方法**
载荷下热变形温度 (0.45 MPa, 未退火)	110 °C	ASTM D648
维卡软化温度	149 °C	ASTM D1525

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