

SABIC® PPcompound 3720E

聚丙烯
SABIC

Technical Data

Product Description

SABIC® PPcompound 3720E is a mineral filled modified polypropylene. Material properties include an excellent stiffness and impact ratio with a low emission and fogging behaviour. Typical applications include non esthetical automotive interior parts.

SABIC® PPcompound 3720E is a designated automotive grade.

IMDS ID: 96146063

General

Filler / Reinforcement	• 矿物填料		
Additive	• 冲击改性剂		
Features	• Low Fogging	• 冲击改性	• 低挥发
Uses	• 汽车内部零件		
Automotive Specifications	• IMDS ID 96146063		
Processing Method	• 注射成型		

Physical	额定值 单位制	测试方法
Density	1.04 g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18 g/10 min	ISO 1133
Molding Shrinkage ² (24 小时, 3.20 mm)	1.1 %	Internal Method
Mechanical	额定值 单位制	测试方法
Tensile Modulus	2000 MPa	ISO 527-2/1A
Tensile Stress		ISO 527-2/1A
屈服	28.0 MPa	
断裂	25.0 MPa	
Tensile Strain (断裂)	45 %	ISO 527-2/1A
Flexural Modulus ³	2200 MPa	ISO 178
Impact	额定值 单位制	测试方法
Notched Izod Impact Strength		ISO 180/1A
-20°C	3.0 kJ/m²	
0°C	3.5 kJ/m²	
23°C	6.0 kJ/m²	
Thermal	额定值 单位制	测试方法
Heat Deflection Temperature (0.45 MPa, 未退火)	110 °C	ISO 75-2/B
CLTE - 流动 (-30 到 100°C)	9.5E-5 cm/cm/°C	ISO 11359-2
Additional Information	额定值 单位制	测试方法
填充物	20 %	Internal Method

备注

¹ 一般属性：这些不能被视为规格。

² 65x65x3.2 mm

³ 类型 1A

