

SABIC® PPcompound 3510H

聚丙烯
SABIC

Technical Data

Product Description

SABIC® PPCompound 3510H is a mineral filled PP copolymer for injection molded applications. It shows a good combination of flow and mechanical properties along with a low density.

SABIC® PPcompound 3510H is a designated automotive grade.

IMDS ID: 473361461

General

Uses

- 汽车的发动机罩下的零件

Physical	额定值 单位制	测试方法
Density	0.970 g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12 g/10 min	ISO 1133
Molding Shrinkage ² (24 小时, 3.20 mm)	1.4 %	Internal Method
Mechanical	额定值 单位制	测试方法
Tensile Modulus	1750 MPa	ISO 527-2/1A
Tensile Stress		ISO 527-2/1A
屈服	24.0 MPa	
断裂	24.0 MPa	
Tensile Strain (断裂)	60 %	ISO 527-2/1A
Flexural Modulus ³	1800 MPa	ISO 178
Impact	额定值 单位制	测试方法
Notched Izod Impact Strength		ISO 180/1A
-20°C	2.0 kJ/m²	
0°C	5.0 kJ/m²	
23°C	8.0 kJ/m²	
Thermal	额定值 单位制	测试方法
Heat Deflection Temperature (1.8 MPa, 未退火)	55.0 °C	ISO 75-2/A
Additional Information	额定值 单位制	测试方法
填充物	10 %	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

