

RTP 182

聚丙烯

RTP Company

Technical Data

Product Description

Warning: The status of this material is 'Commercial: Limited Issue'

The data for this material has not been recently verified.

Please contact RTP Company for current information prior to specifying this grade.

General

Filler / Reinforcement	• 碳纤维增强材料, 15% Filler by Weight
RoHS Compliance	• 联系制造商
Appearance	• 黑色 • 自然色
Forms	• 粒子
Processing Method	• 注射成型

Physical	额定值 单位制	测试方法
Density / Specific Gravity	0.968 g/cm ³	ASTM D792
Molding Shrinkage - 流动 (3.18 mm, 注塑)	0.20 到 0.30 %	ASTM D955

Mechanical	额定值 单位制	测试方法
Tensile Modulus (注塑)	8270 MPa	ASTM D638
Tensile Strength	32.0 MPa	ASTM D638
Tensile Elongation (屈服, 注塑)	9.0 %	ASTM D638
Flexural Modulus (注塑)	4820 MPa	ASTM D790
Flexural Strength (注塑)	52.0 MPa	ASTM D790

Impact	额定值 单位制	测试方法
Notched Izod Impact (3.18 mm, 注塑)	53 J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	270 J/m	ASTM D4812

Electrical	额定值 单位制	测试方法
Surface Resistivity	5.1E+4 ohms	ASTM D257
Volume Resistivity	5.0E+2 ohms·cm	ASTM D257

Injection	额定值 单位制
Rear Temperature	193 到 227 °C
Middle Temperature	193 到 227 °C
Front Temperature	193 到 227 °C
Mold Temperature	32 到 66 °C
Injection Pressure	69.0 到 103 MPa

备注

¹ 一般属性：这些不能被视为规格。