



Delrin® 525GR BK000

ACETAL RESIN

Delrin® 525GR BK000是一种25% 玻纤增强 中等粘度均聚甲醛

总说明

树脂鉴别	POM-GF25	ISO 1043
制品标识码	>POM-GF25<	ISO 11469

流变性能

熔体质量流动速率	7.5 g/10min	ISO 1133
熔体质量流率, 温度	190 °C	ISO 1133
熔体质量流率, 载荷	2.16 kg	ISO 1133
模塑收缩率, 平行	0.4 %	ISO 294-4, 2577
模塑收缩率, 垂直	1.2 %	ISO 294-4, 2577

机械性能

拉伸模量	9500 MPa	ISO 527-1/-2
断裂应力	150 MPa	ISO 527-1/-2
断裂伸长率	3 %	ISO 527-1/-2
弯曲模量	8500 MPa	ISO 178
弯曲应力 (3.5%应变)	200 MPa	ISO 178
简支梁无缺口冲击强度, +23°C	50 kJ/m ²	ISO 179/1eU
简支梁缺口冲击强度, +23°C	10 kJ/m ²	ISO 179/1eA
简支梁缺口冲击强度, -30°C	7.5 kJ/m ²	ISO 179/1eA
Poisson's ratio	0.34 -	

热性能

熔融温度, 10°C/min	178 °C	ISO 11357-1/-3
热变形温度, 1.80 MPa	172 °C	ISO 75-1/-2
热变形温度, 0.45 MPa	175 °C	ISO 75-1/-2

燃烧性能

FMVSS Class	B -	ISO 3795 (FMVSS 302)
燃烧速率, 厚度: 1毫米	44 mm/min	ISO 3795 (FMVSS 302)

其它性能

密度	1590 kg/m ³	ISO 1183
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Delrin[®] 525GR BK000

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VDA性能

雾化

90^[DS, AMin] %

ISO 6452

[DS]: Derived from similar grade

注塑

建议干燥

是

干燥温度

80 °C

干燥时间, 除湿干燥机

2 - 4 h

加工前水分含量

≤ 0.2 %

熔体温度

215 °C

注塑 熔体温度

210 °C

注塑 熔体温度

220 °C

螺杆切线速度

0.3 m/s

模具温度

90 °C

模具温度

80 °C

模具温度

100 °C

保压范围

80 - 100 MPa

保压时间

8 s/mm

成型

注塑

Drying is recommended, but not necessary for newly opened packaging stored in a dry location.

Follow the drying guidelines above in the following cases:

- If moisture is above the Processing Moisture Content recommendation,
- When a resin container is damaged,
- When the material is not properly stored in a dry place at room temperature, or
- When packaging stays open for a significant time.

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