CELSTRAN® PP-GF20-0405E AD3070 (PRELIMINARY)

CELSTRAN® Long Fibre

Celstran® PP-GF20-0405E AD3070 is a 20% long glass fiber, UV stabilized Polypropylene designed for exterior applications. AD3070 color code represents GM848 color. This material imparts excellent impact and modulus properties that exceed that of short glass fiber polypropylene.

产品信息

树脂鉴别	PP-LGF20	ISO 1043
制品标识码	>PP-LGF20<	ISO 11469

机械性能

拉伸模量	5400	MPa	ISO 527-1/-2
拉伸断裂应力, 5mm/min	98	MPa	ISO 527-1/-2
断裂伸长率, 5mm/min	2.6	%	ISO 527-1/-2
弯曲模量	5000	MPa	ISO 178
弯曲强度	160	MPa	ISO 178
简支梁无缺口冲击强度, 23°C	54	kJ/m²	ISO 179/1eU
简支梁缺口冲击强度, 23°C	16	kJ/m²	ISO 179/1eA

其它性能

密度	1030	kg/m³	ISO 1183

注塑

最高回料用量	10	%
最优熔体温度	235	°C
最低熔体温度***	220	°C
最高熔体温度	250	°C
最优模具温度	65	°C
最低模具温度	40	°C
最高模具温度	75	°C
背压	3	MPa

特性

加工方法	注塑
添加剂	防老剂
特殊性能	耐紫外线/耐候, 特殊外观

其他信息

加工注意事项

Pre-Drying

It is normally not necessary to dry CELSTRAN PP. However, should there be surface moisture (condensate) on the molding compound as a result of incorrect storage, drying is required.

Storage

The product can then be stored in standard conditions until processed.

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Revised: 2026-08-10 Source: Celanese Materials Database

The above data are preliminary and are subject to change as additional data are developed on subsequent lots.
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