

Technical Data Sheet

PA6 P6000-FN-2

Product Description/产品描述

Characteristics/特点: PA6 resin, Recycled material of fishing net/PA6再生材料

Applications/应用: /

Physical Properties/物理性能	Condition/条件	Standard/标准	Value/典型值	Unit/单位
Density/比重		ASTM D792	1.12	g/cm ³
Melt Temperature/熔点	10°C/min	DSC	220	°C
Mechanical Properties/机械性能	Condition/条件	Standard/标准	Value/典型值	Unit/单位
Tensile Strength/拉伸强度	I type, 5mm/min	ASTM D638	50	MPa
Strain at Break/断裂伸长率	I type, 5mm/min	ASTM D638	3	%
Flexural Strength/弯曲强度	1.3mm/min	ASTM D790	70	MPa
Flexural Modulus/弯曲模量	1.3mm/min	ASTM D790	2200	MPa
Izod Impact Strength(Notched)/悬臂梁缺口冲击	1eU type	ASTM D256	3	J/m

All values are measured at least after 48 hours storage at 23°C,50%RH.

Values shown are based on testing of injection moulded laboratory test specimens. Unless specified to the contrary, the values given have been established on standardized test specimens at room temperature. The figures should be regarded as guide values only and not as binding minimum values. Please note that, under certain conditions, the properties can be affected to a considerable extent by the design of the mold/die, the processing conditions and coloring. Flammability results are based on small-scale laboratory tests for purposes of relative comparison and are not intended to reflect the hazards presented by this or any other material under actual fire conditions. Each user is responsible for making its own determination as to the suitability of seller's products, services or recommendations for the user's particular use through appropriate end-use testing and analysis. This information and our technical advice-whether verbal, in writing or by the way of trial - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved.

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