

PA6NCT02

增韧 PA6

Toughening PA6

性能 Properties	测试标准 Test Standard	测试条件 Test Condition	国际单位 S.I. Unit	典型值 S.I. Typical Value
力学性能 Mechanical				
拉伸强度 Tensile Strength	ISO 527-2	10mm/min	MPa	50
断裂拉伸应变 Tensile Strain at Break	ISO 527-2	10mm/min	%	40
弯曲强度 Flexural Strength	ISO 178	2mm/min	MPa	65
弯曲模量 Flexural Modulus	ISO 178	2mm/min	MPa	1500
悬臂梁缺口冲击强度 Izod Notched Impact Strength	ISO 180/1A	23℃	KJ/m2	50
热性能 Thermal Properties				
热变形温度 Temp of deflection under load (1.8MPa)	ISO 75-2	1.8MPa	℃	50
燃烧性能 Flame Retardancy				
UL 垂直燃烧Flammability	UL-94	3.2/1.6 mm	mm/Class	HB
其他性能 Others				
密度 Density	ISO 1183		g/cm3	1.04
灰分 Ash Content	ISO 3451-1	750	%	0
熔体流动速率 Flow rate ratio	ISO 62	250℃, 2.16kg	g/10min	15

提示：数据仅供参考，不同颜色性能可能会不同。
Tips: The data is for reference only. The performance of different colors may be different.

更新日期 (Update date)：2023/02/06

Detail : 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 goodfaith but without warranty, and this also applies where proprietary rights of third parties are involved.

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典型加工条件 Typical Processing Conditions

		范围 Range	典型值 Typical Value
料筒温度 Barrel Zone Temp.	喷嘴 Nozzle	250~270℃	250℃
	前端 Front	250~270℃	255℃
	中端 Center	260~275℃	260℃
	进料 Rear	240~250℃	245℃
模具温度 Mold Temp.		70~80℃	75℃
预干燥 Pre-dry Requirements		110-120℃， 3~5hours	

提示：以上加工参数仅供参考，可根据不同机型、模具以及产品要求，对上述工艺做适当调整。
Tips: These above processing parameters are for reference only, and can be adjusted according to different models, molds and product requirements.

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