

TPE 75N09

Suke

表面舒适、耐刮擦、尺寸稳定

comfortable surface, scratch resistance, size stability

产品说明 Product description

75N09 系列产品，是以 SEBS、聚氨酯 (TPU) 为基材混配制粒而成的高性能热塑性弹性体，具有优越的物理性能及加工性能。可与 PC、PC/ABS、ABS、PA 具有强劲粘接力，表面舒适、耐刮擦、尺寸稳定等特点。应用于双色注塑或二次注塑之 3C 电子产品、厨具用品、工具类产品等。

75N09 series product is a high-performance thermoplastic elastomer compounded and pelletized using SEBS and polyurethane (TPU) as base materials. It exhibits excellent physical properties and processing performance, offering strong adhesion to PC, PC/ABS, ABS, and PA materials. Characterized by a comfortable surface texture, scratch resistance, and dimensional stability, it is widely applied in two-color injection molding or overmolding processes for 3C electronic products, kitchenware items, and tool-related products.

技术参数 Product Specifications

特性 Physical Properties	测试标准 Test Standard	单位 Units	典型值 Typical Value
比重 pecific grav	SPO-QC-001	g/cm ³	1.127
硬度 Hardness	SPO-QC-002	shore	75
拉伸强度 Tensile strength	SPO-QC-003	Kgf/cm ³	68.7
断裂延伸率 Elongation at break	SPO-QC-004	%	828
撕裂强度 Tearing streng	SPO-QC-005	Kgf/cm ³	46.5
熔融指数 Melt indexgravity	SPO-QC-006	g/10min	10.79

加工条件 Processing conditions	范围 Range
预干燥条件 Pre-drying Conditions	80°C, 3 Hr
射嘴温度 Nozzle temp	185°C
螺筒三段温度 Screw 1 temp	180°C
螺筒三段温度 Screw 2 temp	175°C
螺筒三段温度 Screw 3 temp	170°C

a. 以上数据为本色料的数据，染色料的性能数据可能与以上数据不一样。The above data is for the original color material, and the properties of the dyeing material may differ from the above data.

b. 典型值是指实验室的平均数据，仅用于使用时参考，不作为产品标准。Typical values refer to the average data of the laboratory, which are only used as reference and are not used as product standards.

以上数值仅供参考使用，可根据制品大小、厚度以及产品要求做出调整 The above values are only for reference, and can be adjusted according to the size, thickness and requirements of the product.

Note:

清洗料管 purge compound

需使用 PP 或 PE 清洗干净机台螺杆，且把机台喷嘴彻底清除干净 please make sure you that you have cleaned the machine screw with PP or PE, and put the machine nozzle thoroughly clean

着色 coloring

请选择以 PE 或 EVA 为基材之色母，切勿使用以 PVC 为基材者。另外加工时请采用较高的螺杆转速和较高的背压，才能让着色剂达到较好的分散效果

Please select color master batch on PE or EVA material with the exception of PVC. Higher screw speed and backpressure are needed for better colorant dispersion

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