

Technical Data Sheet

# HDPE F101-N

## Product Description/产品描述

Characteristics/特点: HDPE F101-N is a recycled post-consumer PE resin./HDPE F101是一款消费后的再生PE树脂。

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		ISO 1183	<b>0.94</b>	g/cm <sup>3</sup>
Melt Flow Rate(MFR)/熔体流动速率	190°C, 5kg	ISO 1133	<b>1.0±0.3</b>	g/10min
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	500±50mm/min	ISO 527	<b>20</b>	MPa
Ultimate Elongation/伸长率	I type, 5mm/min	ISO 527	<b>300</b>	%
Izod Impact Strength(Notched)/悬臂梁缺口冲击	23°C	ISO 180	<b>22</b>	KJ/m <sup>2</sup>

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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