

Technical Data Sheet

PCR-PET HY0801

Product Description/产品描述

Characteristics/特点: PCR-PET HY0801 is a recycled post-consumer transparent PET resin, which comes from beverage bottles after consumption./PCR-PET HY0801 是消费后再生透明 PET, 来源于消费后的饮料瓶。

Applications/应用: /

Physical Properties/物理性能	Condition/条件	Standard/标准	Value/典型值	Unit/单位
Density/密度	23°C	ISO 1183	1.395±0.02	g/cm ³
Melting point/熔点	10°C/min	DSC	≥245	°C
Viscosity/特性粘度	25°C	ISO 1628-5	0.67±0.03	DL/g
Moisture content/水分		ISO 62	≤0.4	%
Ash content/灰分	750°C	ISO 3451	≤0.08	%
Color L/颜色 L值			≥75	
Color b/颜色 b值			≤5	

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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