

Starester®

PBT Resin 1110 HQ

Starester 8 1110HQ is a High quality grade polybutylene terephthalate (PBT) base resin, with non-reinforced, medium-high viscosity, which can be used in injection molding.

聚对苯二甲酸丁二醇酯(Starester® 1110HQ)高品质级基础树脂,中高粘度,未填充,未增强,注塑级。

TYPICAL VALUE 典型值	UNIT 单位	STANDARD 参考标准
1 31+0 02	a /ana 3	ASTM D792
1.51±0.02	g/cm ⁻	ASTM D/92
1 100 : 0 010	ما ا ام	ASTM D445 *(1)
1.100±0.010	ai/g	ASTM D445
225	°C	ISO 113E7 DSC Way
223	C	ISO 11357, DSC Way
11 0 18 0	a/10min	ASTM D1238
11.0-10.0	g/10111111	ASTIVI D1236
15 0 24 0	a/10min	ACTM D1220
15.0-24.0	g/10111111	ASTM D1238
12.0.2.0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Potentiometric Titration
12.0±2.0	тец/кд	电位滴定法
<50		(DCF 100)
≥5.0	Hunter Lab	(D65,10°)
> 00.0	photometer	(DCF 100)
≥90.0		(D65,10°)
<0.005	0/	ACTAI DECOG OC
≤0.035	%	ASTM D5630-06
	•	
≤0.30	%	ASTM D570
≤50.0	PPM	GB T9345.1-2008
		Heat Weight Loss in Melting State *(2)
≤1.20	%	熔体重量热损失法
		Bluestar Internal Standard
2.0±0.2	g	蓝星企业内控标准
50-60	MPa	ASTM D638
≥180	%	ASTM D638
≥75	MPa	ASTM D790
≥2000	MPa	ASTM D790
≥4.0	KJ/M ²	ASTM D256
55	°C	ASTM D648
	°C	ASTM D648
55	°C	ASTM D648
		ASTM D648 25KG 纸塑复合袋[双层普通纸塑]-25公斤
	■ Kraft Paper Bag-2	
- -900公斤	■ Kraft Paper Bag-2	25KG 纸塑复合袋[双层普通纸塑]-25公斤
	1.31±0.02 1.100±0.010 225 11.0-18.0 15.0-24.0 12.0±2.0 ≤5.0 ≥90.0 ≤0.035 ≤0.30 ≤50.0 ≤1.20 2.0±0.2 50-60 ≥180 ≥75 ≥2000	1.31±0.02 g/cm³ 1.100±0.010 dl/g 225 °C 11.0-18.0 g/10min 15.0-24.0 g/10min 12.0±2.0 meq/kg ≤5.0 Hunter Lab photometer ≥90.0 % ≤0.035 % ≤0.30 % ≤50.0 PPM ≤1.20 % 2.0±0.2 g 50-60 MPa ≥180 % ≥75 MPa

特性粘度测试条件: 25°C, 溶剂苯酚/四氯乙烷= 1:1

(2)Bluestar Internal Standard 采用蓝星企业内控标准

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All figures in the table are the typical values of the material and not the minimum values of the material specifications. 以上表格中的所有数值均为典型值,非标准值。 All data shown here are not always applicable to parts used under different conditions. We do not guarantee that these data are

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