ClearBloc® 100

理化参考指标 Physical and Chemical Reference Index

ClearBloc® 100 是一种高硅含量，大长厚比，大比表面积，高透明特性材料，可作为高分子透明基体助剂材料。ClearBloc® 100 is a transparent talc powder-based additive material with high silicon content, large aspect ratio, large specific surface area, and high transparency. It is used as transparent filler of transparent-based polymer products.

粉状 Powder Form

松散堆积密度 Loose Bulk Density	GC-TEST-09	0.26 g/cm^3
水分含量 Moisture Content at 110℃	GC-TEST-07	0.2 %

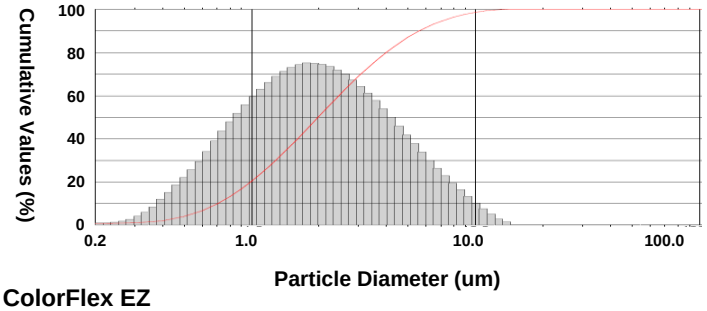
粒度分布 Particle Size Distribution

西拉斯 990 粒度仪 Cilas 990

沉降分析 Sedimentation Analysis

斯托克斯定律 Stoke's Law

中粒径 Median Diameter	D_{50}	2.0 um
粗粒径 Top Size	D_{98}	9.3 um



亨特测色仪检测明亮度 Brightness by Hunter ColorFlex EZ

亮度值 Y	95.4
明度值 L* (CIE)	98.2
红绿值 a* (CIE)	-0.2
黄蓝值 b* (CIE)	1.1

物理特性 Physical Properties

密度 Density	DIN 53193	2.78 g/cm^3
酸碱度 pH (10%aq)	GC-TEST-23	9.7
硬度 Hardness	Mohs Scale	1

化学分析 Chemical Analyses

二氧化硅 SiO_2	61 %
氧化镁 MgO	31 %
氧化钙 CaO	1 %
三氧化二铁 Fe_2O_3	1 %
三氧化铝 Al_2O_3	1 %
烧失量 Loss On Ignition at 1050℃	6 %

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