



PP meltblown special material

----- TP5002MB1500

Introduction: PP TP5002MB1500 It is a polypropylene meltblown special material. It uses polypropylene resin as the main raw material and adopts a controlled rheological method to prepare it through a unique production technology. TP5002MB1500 has a stable melt flow rate and a value of up to 1500-1800g / 10min. It has the characteristics of narrow molecular weight distribution, low odor, and low ash. It has excellent spinning properties and meets the production requirements of meltblown polypropylene nonwovens.

Main use: Meltblown non-woven fabrics, used to produce medical protective masks or protective clothing.

Performance:

性能 Properties	测试方法 Test Standard	单位 Unit	典型值 Typical Value
密度 Density	ISO1183	g/cm ³	0.90
熔体流动速率 MFR (230°C/2.16kg)	ISO 1133	g/10min	1500-1800
熔点 Melting point (10°C/min)	ISO 11357-3	°C	165
分子量分布 Molecular weight distribution	ISO 16014-4	—	<3.0
灰分 Ash (850°C/2h)	ISO 3451	%	<0.02
挥发分 Mass of matter volatile (105°C/2h)	ISO 787	%	<0.10

加工工艺建议表/Machining process suggestion table:

工艺参数 Process parameters	典型值 Typical value
熔喷温度 Meltblown temperature	230~240°C
预干燥 Pre-Dry Requirements	一般使用前无需干燥，但如果包装出现淋湿或吸潮，则建议采用90°C干燥2~4h Generally, there is no need to dry before use, but if the packaging is wet or hygroscopic, it is recommended to dry at 90 °C for 2 ~ 4h

Packaging / storage: 25kg / bag; transported as general chemicals, stored in a dry and cool place, avoid direct sunlight.