

## 产 品 牌 号 与 物 性 表

### PRODUCT BRANDS AND TECHNOLOGY INDEX

牌 号/ Product Brands			MF700XG
<b>一、基本特征/ Basic Features</b>	<b>单位/ Unit</b>	<b>检测标准/ Test Standards</b>	<b>测试数值/ Test Data</b>
密度/ Density	g/cm <sup>3</sup>	GB/T1033-1986	1.14
相对粘度/ RSV		FZ-T51004-2011	2.70±0.03
单体含量/ Extractables	%	FZ-T51004-2011	<0.5
含水量/ Moisture Content	%	FZ-T51004-2011	<0.06
外观/ Appearance		FZ/T 51004-2011	1 Class
二氧化钛含量/TIO2 Content	%	FZ/T 51004-2011	0.25±0.03
<b>二、力学性能/ Mechanical Properties</b>			
拉伸强度/ Tensile Strength	Mpa	GB1040-92	72
断裂伸长率/ Elongation	%	GB1040-92	148
弯曲强度/ Bending Strength	Mpa	GB9341-88	88
弯曲模量/ Flexural Modulus	Mpa	GB9341-88	2400
硬 度/ Hardness	R	GB9342-88	67
缺口冲击强度/ Notched Impact Strength	KJ/m <sup>2</sup>	GB/T1043-93	5.3
成型收缩率/ Molding Shrinkage	%		1.2-1.9
<b>三、热性能/ Thermal Properties</b>			
熔点/ Melting Point	℃		215-225
热变形温度/ Heat Distortion Temperature	℃	GB1843-79	75
<b>四、电性能/ Electrical Properties</b>			
表面电阻/ Surface Resistance	Ω	GB/T 1410-2006	2.8×10 <sup>11</sup>
表面电阻率/ Surface Resistivity	Ω	GB/T 1410-2006	2.3×10 <sup>13</sup>
体积电阻/ Volume Resistivity	Ω	GB/T 1410-2006	1.6×10 <sup>12</sup>
体积电阻率/ Volume Resistivity	Ω·cm	GB/T1410-2006	2.5×10 <sup>14</sup>
介电耗角正切/ Dielectric Tangent consumption		GB/T 1409-2006	4.6×10 <sup>-2</sup>
介电常数/ Permittivity		GB/T 1409-2006	0.66
用途概述/ Use Summary	分子量适中 Moderate formula weight 常规纺丝/Suitable conventional spinning		

备注：以上数据由本公司实验室测得，仅对样品负责，不代表每一产品的规格值。

Notes: The above data measured in the laboratory by our company, only for the sample charge, does not mean to every product specification value