



华创特塑(山东)新材料科技有限公司

SHANDONG HUACHUANG SPECIAL PLASTIC NEW MATERIAL TECHNOLOGY CO., LTD.

T1201

技术说明书 Technical Data Sheet

项目 Typical properties	条件 Condition	标准 Standard	单位 Unit	数值 Value
物理性能 Physical properties				
密度 Density		ISO 1183	g/cm ³	1.02
吸湿率 Moisture absorption	T=23℃/50%RH	ISO 62	%	1.5
线性成型收缩 Mold shrinkage parallel	纵向	ISO 294	%	0.65
线性成型收缩 Mold shrinkage transverse	横向	ISO 294	%	0.75
力学性能 Mechanical properties				
拉伸弹性模量 Tensile modulus	1mm/min	ISO 527	MPa	1600
拉伸断裂强度 Tensile stress at break	50mm/min	ISO 527	MPa	62
断裂伸长率 Elongation at Break	50mm/min	ISO 527	%	150
弯曲强度 Flexural strength	2mm/min	ISO 178	MPa	65
弯曲模量 Flexural modulus	2mm/min	ISO 178	MPa	1500
简支梁冲击切口 Charpy notched	+23℃	ISO 180/1A	KJ/m ²	10
简支梁无冲击切口 Charpy unnotched	+23℃	ISO 180/1A	KJ/m ²	NB
邵氏硬度 Shore hardness		ISO 868		81
热性能 Thermal properties				
热变形温度 HDT	0.45MPa	ISO 75	℃	125
玻璃化转变温度 Tg	DSC	ISO 11357	℃	140
电性能 ELECTRICAL				
体积电阻率 Volume resistivity		IEC 60093	Ω·M	1.00E+11
表面电阻率 Surface resistivity		IEC 60093	Ω	1.00E+12
介电强度 Dielectric Strength		IEC 60243-1	KV/mm	34
燃烧性能 BURNING BEHAVIOUR				
可燃性 Flammability (UL94)	0.8mm	ISO 1210	Class	HB

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