

PP TP-500N



Product introduction

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| PP TP-500N | • Good low temperature impact resistance |
| • Good shape stability | • Superior impact-rigid balance |

性能 Properties	测试标准 Test Method	测试条件 Test Condition	单位 Units	典型值 Typical Values
物理性能 Physical				
熔融指数 Melt Flow Rate	ISO1133	230℃, 2.16Kg	g/10min	12
密度 Specific Gravity	ISO1183	23℃	g/cm3	0.9
灰份 Ash	ISO3451	800℃,30min	%	0
机械性能 Mechanical				
拉伸强度 Tensile Strength	ISO527	50mm/min	MPa	35
屈服伸长率 Elongation at Yield	ISO527	50mm/min	%	8
弯曲强度 Flexural Strength	ISO178	2mm/min	MPa	--
弯曲模量 Flexural Modulus	ISO178	2mm/min	MPa	1731
悬臂梁无缺口冲击强度 Impact Strength, IZOD non-notched	ISO179/1eU	23℃	KJ/m2	NB
		-30℃	KJ/m2	-
悬臂梁缺口冲击强度 Impact Strength, IZOD notched	ISO179/1eA	23℃	KJ/m2	2.8
		-30℃	KJ/m2	-
热性能 Thermal				
热变形温度 Heat Deflection Temp.	ISO75/B	0.45MPa	℃	97
	ISO75/A	1.8MPa	℃	-
熔点 (Melting Point)	DSC		℃	164
维卡软化点 (Vicat softness point)	ISO306		℃	115
其他 Others				
肖氏硬度 Shore Hardness	ISO2039	-	N/mm2	--
收缩率 Mold Shrinkage	-	23℃		
阻燃性 Flammability	TL1010	-	mm/min	

备注 Remarks:

- The data in the table is the test data of the product performance, but the value cannot be used as the guarantee value of the performance in the specific use, only for the user's reference.
- The data on the flammability level in the table is not intended to reflect the degree of danger of the material under actual fire conditions.
- Recommended processing temperature:
Melt temperature 230℃
Injection temperature 190-250℃