



# PP TPS1003

## Product introduction

### PP TPS1003

良好的机械性能 Good mechanical properties

性能 Properties	测试标准 Test Method	测试条件 Test Condition	单位 Units	典型值 Typical Values
<b>物理性能 Physical</b>				
熔融指数 Melt Flow Rate	ISO1133	230℃, 2.16Kg	g/10min	3
密度 Specific Gravity	ISO1183	23℃	g/cm3	0.90
灰份 Ash	ISO3451	800℃,30min	%	--
<b>机械性能 Mechanical</b>				
拉伸强度 Tensile Strength	ISO527	50mm/min	MPa	33
断裂伸长率 Elongation at Break	ISO527	50mm/min	%	532.8
弯曲强度 Flexural Strength	ISO178	2mm/min	MPa	--
弯曲模量 Flexural Modulus	ISO178	2mm/min	MPa	--
简支梁无缺口冲击强度 Impact Strength, IZOD non-notched	ISO179	23℃	KJ/m2	NB
		-30℃	KJ/m2	-
简支梁缺口冲击强度 Impact Strength, IZOD notched	ISO179	23℃	KJ/m2	-
		-30℃	KJ/m2	-
<b>热性能 Thermal</b>				
热变形温度 Heat Deflection Temp.	ISO75	0.45MPa	℃	95
		1.8MPa	℃	-
熔点 (Melting Point)	DSC		℃	
<b>其他 Others</b>				
球压硬度 Hardness	ISO2039	-	N/mm2	
收缩率 Mold Shrinkage	-	23℃		
阻燃性 Flammability	TL1010	-	mm/min	

#### 备注 Remarks:

- 1.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.
- 2.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.