



SHENZHEN MINGDA TECHNOLOGY CO.,LTD
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PVA PHYSICAL PROPERTIES

Property	Testing Method	Typical Value
拉伸强度 Tensile Strength	ASTM D638 50mm/min	23Mpa
杨氏模量 Young' s Modulus	ASTM D638 1mm/min	N/A
断裂伸长率 Elongation at break	ASTM D638 50mm/min	215%
热变形温度 Heat Deflection (HDT)	ASTM D648 0.45Mpa	55%
玻璃化转变温度 Glass Transition(Tg)	ASTM D7426 10°C/min	N/A
熔点温度 Melting Point	ASTM D7426 10°C/min	160°C-215°C
分解温度@5%Decomposition Temp.	ASTM E2402 20°C/min	≥300°C
维卡软化温度 Vicat Softening Temp.	ASTM D1525 5kg,50°C/h	65°C
熔体指数 Melt Flow Rate	ASTM D1238 210°C/2.16kg	3.0-10g/10min
密度 Density	ASTM D792 23°C	1.01-1.28g/cm ³
体积电阻率 Volume Resistivity	ASTM D257	1.05*10 ¹²
介电常数 Dielectric Constant	ASTM D150 1kHz	3.4
阻燃性 Flammability	UL94 1.5mm	HB Class