

Material Properties

Item/项目	Test method/测试方法	Values/数值	Units/单位
Tensile strength/抗拉强度(M.D)	EN ISO 527-3	>40	Mpa
Tensile strength/抗拉强度(T.D)	EN ISO 527-3	>40	Mpa
Tensile strain at break/断裂延伸率(M.D)	EN ISO 527-3	>300	%
Tensile strain at break/断裂延伸率(T.D)	EN ISO 527-3	>300	%
Yield stress/屈服应力(10%)	EN ISO 527-3	>22	Mpa
Tensile modulus/拉伸系数(1%)	EN ISO 527-3	>9	Mpa
Tear resistance/撕裂强度	DIN 53363	>450	N/mm
Creep test/蠕变测试(M.D)	8.6 EN 13206	0.5	%
Dart drop test/落锤测试(h=1500mm)	Int.Method(ISO 82.4002)	>15	kg
Transparent visible transmittance/透明透光率	EN 2155-5	≥90	%
Matted visible transmittance/磨砂透光率	EN 2155-5	72	%
Color transmittance/彩色透光率	EN 2155-5	30~70	%
Printed ratio of coverage/镀点覆盖率		40~80	%
Thickness/厚度	ISO 4593	300	μm
Width/幅宽	ISO 4592	150~200	cm
Fire behaviour/防火性能	DIN 4102	B1	B1
Temperature range/适用温度		-200~+150	°C
Melting point/熔点	EN ISO 12086	260	°C
Melting heat/融化热		40	Kcal/kg
Thermal conductivity/导热系数		0.25	W/m°C
Surface tension/表面张力	Geometric	30	dyne/cm
Weight/重量	Int.Method	525	g/m²
Linear thermal expansion/线性热膨胀		0.9	mm/m°C

The above values represent current knowledge and technology and the provision of technical information about our branded products and should not be construed as a guarantee of any particular product characteristics or the suitability of a product for a particular application scenario. Parameters such as colour, thickness, etc. are subject to change. For further details, please contact our sales and marketing department.