CY20DP 聚酯薄膜产品说明书

Technical Data Sheet of CY20DP Polyester Film

1. 产品简介 INTRODUCTIONS

江苏裕兴薄膜科技股份有限公司主要从事特种功能性聚酯薄膜的研发、生产、销售，是国内规模最大的特种功能性聚酯薄膜生产企业之一。公司通过 ISO9001 质量管理体系、ISO14001 环境质量体系和职业健康安全管理体系认证，多个品种通过美国 UL 实验室安全认证和环保测试，符合欧盟 ROHS 环保要求，公司高分子材料检测中心通过 CNAS 实验室认可。

Jiangsu Yuxing Film Technology Co., Ltd is one of the leading BOPET polyester film manufacturers in China. As a high-tech enterprise, Jiangsu Yuxing Film Technology Co., Ltd has passed ISO9001, ISO14001 and Occupational Health and Safety Management System certification. Many varieties have passed the UL Certification and environmental protection test, and meet the EU ROHS environmental protection requirements. And the testing center is accredited by CNAS laboratory.

CY20DP 增亮预涂聚酯薄膜产品表现优良，光学性能优异，基材两面经预涂处理后，与增亮膜棱镜层或背涂层有着良好稳定的附着力。产品应用：主要用于 LCD 液晶显示背光模组增亮基材，高度匹配单增光，MOP，POP，DPP，DOP 等复合型光学膜。

CY20DP polyester film has excellent performance and optical properties. After pre-coating on both sides of the substrate, it has good and stable adhesion to the prism layer or back coating of brightness enhancement film. This product is mainly used to brighten the substrate of LCD backlight module, which is highly matched with composite optical films such as single brightness, MOP, POP, DPP and DOP.

2. 产品典型性能 TYPICAL PERFORMANCES of CY20DP

表 1　CY20DP 聚酯薄膜的性能典型值

Tab.1 Typical performance values of CY20DP

序号 No.	项目 Item		单位 Unit	典型值 Typical values							试验方法 Test method
1	标称厚度 Thickness		μm	50	75	100	125	175	188	250	GB/T 13542.2-2021
2	拉伸强度 Tensile strength	MD	MPa	167	167	171	203	188	190	178	
		TD		212	219	217	204	195	190	182	
3	断裂伸长率 Elongation at break	MD	%	162	161	164	152	161	161	165	
		TD		115	114	114	119	133	126	160	
4	热收缩率 Heat shrinkage (150℃,30min)	MD	%	0.99	1.04	0.95	0.74	0.53	0.63	0.95	
		TD		-0.05	-0.09	-0.10	0.14	0.09	0.06	0.12	
5	透光率 Transmittance		%	91.94	91.87	91.84	92.10	92.04	92.01	91.49	ASTM D1003
6	雾度 Haze		%	1.40	1.43	1.50	1.54	1.66	1.74	1.97	
7	附着力 Adhesion test		/	5B	5B	5B	5B	5B	5B	5B	ASTM D3359
注：①MD 为纵向；TD 为横向。②所有项目均为出厂检验。③非推荐优选标称厚度的性能指标值由内插法求得。											