



ZHEJIANG HAIBIN FILM TECHNOLOGY CO., LTD
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TECHNICAL DATA SHEET

Type of Film	BOPP Film/20micron		Thickness		20 MIC	
Index	Thickness	Average (mic)	19.89		Max / Min	20.6/19.1
		Tolerance (%)	-0.3			
	Physical Properties	Tensile Strength (Mpa)	MD/TD		157/352	
		Elongation of Break (%)	MD/TD		235/53	
		Elastic Modulus (Mpa)	MD/TD			
		Thermal Shrinkage (%)	MD/TD		3.0/1.5	
		Friction Coefficient	Back	Static	0.27	
				Dynamic	0.20	
			Front	Static	0.21	
				Dynamic	0.18	
		Surface Tension (mN/m)			38	
		Heat Seal Strength (N/15mm)			inside/outside3.2/3.0	
		Haze (%)			1.68	
		Gloss (%)			93.3	
	Appearance	No Defects				