

**NetWork**
marketing**ARLENE PF****Technical Information**

Description:	Arlene PF is a transparent homopolymer biaxially oriented polypropylene film designed for printing and lamination to paper, self-adhesive substrates and other BOPP, PET and CPP substrates, as used in the label, packaging and off-set printing industries.		
Application:	Adhesive Label Laminate, Typical Packaging Laminate, Sheet fed Printed Substrates, Carton Box Windows and Florist Wrapping.		
Characteristics:	High Transparency and Gloss	Excellent Ink and Coating adhesion	
	High Tensile Strength	Excellent Resistance to Oil and Grease	
	Low Static Properties	Excellent Scuff Resistance	
Treatment:	Available one or bothsides		
Std Thickness:	20, 25, 30, 40, 50 micron		

PROPERTIES		UNIT	RESULT PF 20	TEST METHOD
PHYSICAL				
Coefficient of Friction		-	0.60	ASTM – D1894
Density		g/cm ³	0.91	ASTM – D792
Surface Tension		Dyne	38	ASTM – D2578
Gloss level (60°)		—	92	ASTM – D2457
Haze		%	1.00	ASTM – D1003
MECHANICAL				
Tensile Strength	MD	N/mm ²	150	ASTM – D882
	TD		280	
Elongation	MD	%	170	ASTM – D882
	TD		60	
Secant Modulus (1%) MD		N/mm ²	1700	ASTM – D882
Yield		Squ.mtr / kg	54.95	-
BARRIER				
MVTR		G/m ² /24hrs	7.5	ASTM F 372 – 73 38°C, 90 % RH
O ₂ TR		cm ³ /m ² /atm/24 hrs	1800	ASTM D 3985 23°C, 0 % RH
THERMAL				
Thermal Shrinkage	MD	%	4.0	ASTM D – 1204 120°C, 5 min
	TD		2.0	