



FORMULATION CODE	PFL1PL
PRODUCT DESCRIPTION	One side corona treated, other side heat sealable
GENERAL PROPERTIES	Standard lamination film can be laminated with different adhesive systems (with solvent, solventless, water based, etc) and foils – films (BOPET, BOPP, BOPA, paper, etc)
EXCEPTIONAL PROPERTIES	High hot tack strength and lower seal initiation film, can be used in fast filling machines
PACKAGE TYPES	Stand up pouches, side- medium gusseted pouches, sachet, pillow packs, etc
FOOD TYPES	Small/large particle powders (coffee, etc), liquid, fluid or solid formed foods

TECHNICAL DATA						
PROPERTY	UNIT	DATA RANGE				
Thickness	µm	20-39	40-79	80-119	120-149	150-199
Average Density	g/cm ³	0,920				
Width	mm	400-2600				
Gloss	%	≥ 60				
Haziness	%	≤16	≤16	≤17	≤19	≤21
Corona	Dyne/cm	≥ 38				
Tensile strength at break, MD	N/25 mm	15-25	23-45	43-60	57-75	70-90
Tensile strain at break, MD	%	120-400	300-700	500-800	700-1000	800-1100
Tensile strength at break, TD	N/25 mm	13-20	18-35	33-47	42-52	49-60
Tensile strain at break, TD	%	300-600	500-800	700-900	800-1000	900-1100
Elastic Moduli	MPa	80-100	90-120	110-130	120-150	140-170
Seal Strength ⁽¹⁾	N/25 mm	10-15	14-25	23-40	35-45	40-50
Heat seal temperature ⁽²⁾	°C	104-111	109-116	114-120	118-124	122-130
COF	İç- İç	≤0,25				

(1) Sealing conditions 123 C – 0,3 s – 3 Bar

(2) Sealing conditions 0,8 s- 3 Bar

Measurements are done in laboratory and should be taken into account as a reference value, changes can be seen due to the several factors and conditions