



FORMULATION CODE PFL3E

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 Stiffer than PFL1E, zip, open and close tapper, etc mountable

PACKAGE TYPES Stand up pouches, side, bottom gusseted pouches

FOOD TYPES Large/small sized particle powders, 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	0,923				
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	100-120	110-140	130-160	140-170	160-200
Seal Strength ⁽¹⁾	N/25 mm	10-15	14-25	23-40	35-45	40-50
Heat seal temperature ⁽²⁾	°C	109-113	111-117	118-123	122-128	126-131
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