

MATERIAL SPECIFICATION

Barrier Foil Laminate

NIP30175V

PET19 // AI9 // Valeron100/LLDPE75

Properties	Unit	Method	Value
Thickness	µm		208
Unit weight	g/m ²		211
Max width	mm		1200
Adhesive system LK427			
- amount per layer	g/m ²		2.0-3.0
- peel strength	N/m	IPC-TM-650; 2.4.9	1000
Physical and Thermal properties			
Tensile strength of laminate, max load (MD) (TD)	N/mm ²	IPC-TM-650; 2.4.19c	42 37
Elongation at break (MD) (TD)	%	IPC-TM-650; 2.4.19c	66 57
Bursting strength	kN/m ²	ISO 2578:2001	880
Tearing resistance (MD) (TD)	mN	ISO 1974:1990	-* -*
Permeability			
WVTR	ml/m ² /24 hrs	ASTM F 1249-05	<0.005
O ₂ permeability	ml/m ² /24 hrs	ASTM D 3985-05	<0.05

*The value is higher than machine capacity.

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