

TECHNICAL DATASHEET

Date: 30.03.2009

Quality: 12 µm PET / 12 PE / 7 µm Alu / 20 PE / 60 µm HDPE

Technical Features	Unit	Testing Method	Nominal Value	Tolerance
Total Grammage	g/m ²	ISO 536	125,3	+13,35/-14,7
Thickness PET-Foil	µm	ISO 534	12,0	+/- 2,0
Grammage PE	g/m ²	ISO 536	12,0	+/- 3,0
Thickness Aluminium	µm	EN 546-3	7,0	6,0 – 7,5
Grammage PE	g/m ²	ISO 536	20,0	+/- 3,0
Thickness HDPE	µm	ISO 534	60,0	+/- 6,0
Bond Strength PET to Alu	N/15 mm	DIN 53357	> 2,5	-
Bond Strength Inside to Alu	N/15 mm	DIN 53357	> 2,5	-
Water Vapour Transmission Rate WVTR	g/m ² x d	DIN 53 122 T2 (23°C / 85% rel. Feuchte)	< 0,02	-
Oxygen Transmission Rate, OTR	cm ³ /m ² x d x bar	DIN 53 380 (23°C / 0% rel. Feuchte)	< 1,0	-
Seal Strength	N/15 mm	T = 160 °C t = 0,3 sec, p = 4 bar	> 10,0	-

Requirements: The materials used in this laminate are physiologically non-objective and correspond to the current regulations/recommendations of BfR, EU and FDA.

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The indicated technical data are in conformity with the state of technological development today and don't release from product-and process-validation in your company.