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5162

FOIL / CO-POLYMER FILM

Tentative Specification

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
Foil	Aluminum	0.005 inch	127.0 microns
Adhesive	Hi Temp Co-Polymer		
Film	Heat Seal Co-Polymer	0.00125 inch	31.8 microns

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	75.0 lbs / 1000 ft ²	366 g / m ²
Caliper / Thickness	Micrometer	0.00625 inch	158.8 microns
Mullen Burst	ASTM D774	150 psi	1034 kPa
Tensile Strength	ASTM C1136	55 lbs / inch width (MD) 55 lbs / inch width (XD)	9.6 kN / m (MD) 9.6 kN / m (XD)
Low Temperature Resistance	ASTM C1263 -40°F (-40°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
High Temperature Resistance	10 minutes @ 401°F (205°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
Water Immersion	48 hours @ 73°F (23°C)	No Delamination	No Delamination

Physical Properties based upon statistical averages, Weight / Thickness +/- 10%

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