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CERAMIS® CPT-011

SILICON OXIDE-COATED POLYESTER FILM

Typical Values

CPT-011 is a SiO_x -coated PET film with a combination of excellent clarity and very good barrier properties. This grade is ideally suited for MAP lidding, pouches & tube laminations.

Properties	Typical Value		Units	Test Method
Yield	88,0		m ² /kg	
Thickness	0,31 8,0		Mil μm	
Tensile Strength	MD TD	215 230	N/mm ²	ISO 527-1-2
Elongation at break	MD TD	120 100	%	ISO 527-1-2
Heat Shrinkage	MD TD	1,3 0,1	%	DIN 40634 150°C, 15 min
Haze	< 3,0		%	ASTM D1003-92
Static COF	SiO _x /SiO _x PET/PET	0,6 0,4		DIN ISO8295
WVTR	Laminated to 3.6 mil CPP	0,33	g/m ² /d	ASTM F372-78 (73.4° F, 85% RH)
OTR	Laminated to 3.6 mil CPP	0,50	cc/m ² /d	ASTM D-3985 (73.4° F, 50% RH)

This product is in compliance with the regulation FDA 21 CFR 177.1630. When laminated to an approved substrate, the laminate is compliant with the requirements of EU directive 2002/72/EC.

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