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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	62,000		in ² /lb	
Thickness	0.31 8.0		Mil μm	
Tensile Strength	MD TD	31,185 33,355	Psi	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	0.045	g/100in ² /d	ASTM F372-78 (73.4° F, 85% RH)
OTR	Laminated to 3.6 mil CPP	0.021	cc/100in 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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