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CERAMIS® CPT-001

SILICON OXIDE-COATED POLYESTER FILM

Typical Values

CPT-001 is an 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	41,800	in ² /lb	
Thickness	0.48 12	Mil µm	
Tensile Strength	33,500 MD 33,500 TD	Psi	ISO 527-1-2
Elongation at break	110 MD 110 TD	%	ISO 527-1-2
Heat Shrinkage	1.3 MD 0.1 TD	%	DIN 40634 150°C, 15 min
Haze	3.3	%	ASTM D1003-92
Static COF	0.70 SiO _x /SiO _x 0.40 PET/PET	-	DIN ISO8295
WVTR	0.10	g/100in ² /24 hr.	ASTM F1249-90 (73.4° F, 85% RH) Unlaminated
WVTR	0.019	g/100in ² /24 hr.	ASTM F1249-90 (73.4° F, 85% RH) Laminated to 3.6mil CPP
OTR	0.15	cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH) Unlaminated
OTR	0.032	cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH) Laminated to 3.6mil CPP

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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