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CERAMIS® CPT-001

SILICON OXIDE-COATED POLYESTER FILM

Typical Values

CPT-001 is an SiOx -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	59,46	m ² /kg	
Thickness	0.48 12	Mil µm	
Tensile Strength	231 MD 231 TD	N/mm ²	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 SiOx/SiOx 0.40 PET/PET	-	DIN ISO8295
WVTR	1.55	g/m ² /24 hr.	ASTM F1249-90 (73.4° F, 85% RH) Unlaminated
WVTR	.295	g/m ² /24 hr.	ASTM F1249-90 (73.4° F, 85% RH) Laminated to 3.6mil CPP
OTR	2.33	cc/m ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH) Unlaminated
OTR	0.496	cc/m 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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