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CERAMIS® CPT-005

SILICON OXIDE-COATED POLYESTER FILM

Typical Values

CPT-005 is an SiOx -coated PET film with a combination of excellent clarity and outstanding barrier properties. This grade also withstands retorting temperatures up to 135°C. It is ideally suited for retort lidding applications.

Properties	Typical Value	Units	Test Method
Yield	41,800	in ² /lb	
Thickness	0.48 12	Mil µm	
Tensile Strength	33,500 MD 37,500 TD	Psi	ISO 527-1-2
Elongation at break	110 MD 90 TD	%	ISO 527-1-2
Heat Shrinkage	1.3 MD 0.1 TD	%	DIN 40634 150°C, 15 min
Haze	2.5	%	ASTM D1003-92
Static COF	0.90 SiOx/SiOx 0.50 PET/PET	-	DIN ISO8295
WVTR	0.045 Post-retort @121°C, 30 min	g/100in ² /24 hr.	ASTM F1249-90 (73.4° F, 85% RH) Laminated 92g PET/ CPT-002/ 3.6mil CPP
OTR	0.039 Post-retort @121°C, 30 min	cc/100in ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH) Laminated 92g PET/ CPT-002/ 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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