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CERAMIS® CPT-022

SILICON OXIDE-COATED POLYESTER FILM

Typical Values

CPT-022 is an SiO_x -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	59,46	m ² /kg	
Thickness	0.48 12	Mil μm	
Tensile Strength	215 MD 245 TD	N/mm ²	ISO 527-1-2
Elongation at break	125 MD 100 TD	%	ISO 527-1-2
Heat Shrinkage	1.0 MD 0.5 TD	%	DIN 40634 150°C, 30 min
Haze	2.5	%	ASTM D1003-92
Static COF	0.90 SiO _x /SiO _x 0.50 PET/PET	-	DIN ISO8295
WVTR	0.3 Post-retort @121°C, 30 min	g/m ² /24 hr.	ASTM F1249-90 (73.4° F, 85% RH) Laminated 92g PET/ CPT-022/ 3.0mil CPP
OTR	0.3 Post-retort @121°C, 30 min	cc/m ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH) Laminated 92g PET/ CPT-022/ 3.0mil 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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