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CERAMIS® CPT-006

SILICON OXIDE/TOP COATED POLYESTER FILM

Typical Values

CPT-006 is a top-coated SiO_x -PET film with a combination of excellent clarity and outstanding barrier properties. It is ideally suited for retort pouch applications up to 135°C.

Properties	Typical Value	Units	Test Method
Yield	40,300	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	2.0	%	ASTM D1003-92
Static COF	2.5 SiO _x /SiO _x 0.40 PET/PET	-	DIN ISO8295
WVTR	0.012 Post-retort @121°C, 30 min	g/100in ² /24h	ASTM F1249-90 (73.4° F, 85% RH) Laminated 92g PET/ CPT-006/ 3.6mil CPP
OTR	0.019 Post-retort @121°C, 30 min	cc/100in ² /24h	ASTM D-3985 (73.4° F, 50% RH) Laminated 92g PET/ CPT-006/ 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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