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metallized products



## **CERAMIS® CPT-022**

### **SILICON OXIDE/TOP COATED POLYESTER FILM**

#### **Typical Values**

CPT-022 is a top-coated SiO<sub>x</sub>-PET film with a combination of excellent clarity and outstanding barrier properties. It is ideally suited for retort pouch applications up to 135°C.

<b>Properties</b>	<b>Typical Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Yield</b>	41,600	in <sup>2</sup> /lb	
<b>Thickness</b>	0.48 12	Mil μm	
<b>Tensile Strength</b>	32,000 MD 32,000 TD	Psi	ISO 527-1-2
<b>Elongation at break</b>	130 MD 100 TD	%	ISO 527-1-2
<b>Heat Shrinkage</b>	1.7 MD 0.5 TD	%	DIN 40634 150°C, 15 min
<b>Haze</b>	0.8	%	ASTM D1003-92
<b>Static COF</b>	0.70 SiO <sub>x</sub> /SiO <sub>x</sub> 0.50 PET/PET	-	DIN ISO8295
<b>WVTR</b>	0.0194 Post-retort @121°C, 30 min	g/100in <sup>2</sup> /24h	ASTM F1249-90 (73.4° F, 85% RH) Laminated 92g PET/ CPT-022/ 3 mil CPP
<b>OTR</b>	0.0194 Post-retort @121°C, 30 min	cc/100in <sup>2</sup> /24h	ASTM D-3985 (73.4° F, 50% RH) Laminated 92g PET/ CPT-022/ 3 mil 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.

The information and opinions herein are believed to be true and accurate and presented without guarantee or responsibility on our part. No recommendation for use of our product is intended as a patent infringement. No warranty of any kind with respect to patents held by others is implied or intended.

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