



**celplast**  
metallized products



## **CERAMIS® CPP-004** **SILICON OXIDE-COATED POLYPROPYLENE FILM**

**Typical Values**  
**SiOx One Side, Heat Sealable Other Side**

CPP-004 is a SiOx-coated polypropylene film with clear transparent appearance and superior barrier properties. SiOx coated on one side and heat sealable on the other side.

Properties	Typical Value	Units	Test Method
Yield	43,000	in <sup>2</sup> /lb	
Thickness	0.70 18	Mil µm	
Tensile Strength	19,500 MD 31,500 TD	Psi	ASTM D882
Elongation at break	180 MD 30 TD	%	ASTM D882
Haze	1.1	%	ASTM D1003-92
Static COF	0.45 SiOx/SiOx 0.70 oPP/oPP	-	DIN ISO8295
WVTR	<0.0065	g/100in <sup>2</sup> /24 hr.	ASTM F1249-90 (73.4° F, 85% RH) Laminated to 3mil CPP
OTR	<0.0065	cc/100in <sup>2</sup> /24 hr.	ASTM D-3985 (73.4° F, 50% RH) Laminated to 3mil CPP

This product is in compliance with the regulation FDA 21 CFR 177.1520 (c) (1.1) and (3.1). 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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