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metallized products



## **CERAMIS® CPP-005**

### **SILICON OXIDE-COATED POLYPROPYLENE FILM**

#### **Typical Values**

CPP-005 is a SiO<sub>x</sub>-coated polypropylene film with clear transparent appearance and superior barrier properties.

<b>Properties</b>	<b>Typical Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Yield</b>	43,000	in <sup>2</sup> /lb	
<b>Thickness</b>	0.70 18	Mil μm	
<b>Tensile Strength</b>	21,000 MD 33,400 TD	Psi	ASTM D882
<b>Elongation at break</b>	170 MD 30 TD	%	ASTM D882
<b>Haze</b>	1.6	%	ASTM D1003-92
<b>Static COF</b>	0.65 SiO <sub>x</sub> /SiO <sub>x</sub> 0.80 oPP/oPP	-	DIN ISO8295
<b>WVTR</b>	<0.0065	g/100in <sup>2</sup> /24 hr.	ASTM F1249-90 (73.4° F, 85% RH) Laminated to 3mil CPP
<b>OTR</b>	<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.

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