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## **CERAMIS® CPP-009** **SILICON OXIDE-COATED (SiOx)** **POLYPROPYLENE FILM**

### **Developmental Data Sheet** SiOx One Side, Heat Sealable Other Side

CPP-009 is a SiOx-coated polypropylene film with clear transparent appearance and exceptional barrier performance. SiOx coated on one side and heat sealable on the other side.

Properties	Typical Value		Units	Test Method
<b>Yield</b>	34,800		in <sup>2</sup> /lb	
<b>Thickness</b>	0.88 22		Mil µm	
<b>Tensile Strength</b>	21,700 43,500	MD TD	Psi	ISO 527-1-2 (Test speed 100%/min; 73.4°C, 50% rh)
<b>Elongation at break</b>	160 60	MD TD	%	ISO 527-1-2 (Test speed 100%/min; 73.4°C, 50% rh)
<b>Haze</b>	6.0		%	ASTM D1003-92
<b>Coefficient of friction (dynamic)</b>	0.70 0.40	SiOx/SiOx oPP/oPP	-	DIN EN ISO 8295
<b>WVTR</b>	<0.0097		g/100in <sup>2</sup> /24 hr.	ASTM F1249-90 (73.4° F, 85% RH) CPP009/adhesive solvent based/2.8mi cPP
<b>OTR</b>	<0.0065		cc/100in <sup>2</sup> /24 hr.	ASTM F1927-07 (73.4° F, 50% RH) CPP009/adhesive solvent based/2.8mi 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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