

CERAMIS® CPP-008
SILICON OXIDE-COATED (SiOx)
POLYPROPYLENE FILM



Developmental Data Sheet
 SiOx One Side, Heat Sealable Other Side

CPP-008 is a SiOx-coated polypropylene film with clear transparent appearance and moderate barrier properties. SiOx coated on one side and heat sealable on the other side. Shelf life of six months in the original packaging.

Properties	Typical Value		Units	Test Method
Yield	43,000		in ² /lb	
Thickness	0.70 18		Mil µm	
Tensile Strength	MD TD	20,300 40,600	psi	ASTM D882
Elongation at break	MD TD	220 60	%	ASTM D882
Haze	5.0		%	ASTM D1003-92
Coefficient of friction (static_dynamic)	MD TD	0.60 <0.50	SiOx/SiOx oPP/oPP	DIN EN ISO 8295
WVTR	0.013		g/100in ² /24 hr.	ASTM F1249-90 (73.4° F, 85% RH) CPP008/adhesive solvent based/2.8mi cPP
OTR	0.32		cc/100in ² /24 hr.	ASTM D-3985-2005 (73.4° F, 50% RH) CPP008/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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