



**celplast**  
metallized products



## **CERAMIS® CPA-002**

### **SILICON OXIDE-COATED NYLON FILM**

#### **Typical Values**

CPA-002 is an SiO<sub>x</sub> -coated nylon film with a combination of excellent clarity and outstanding barrier properties. This grade also withstands retorting temperatures over 135°C and Gelbo flexing. It is ideally suited for retort pouch applications.

<b>Properties</b>	<b>Typical Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Yield</b>	40,900	in <sup>2</sup> /lb	
<b>Thickness</b>	0.60 15	Mil µm	
<b>Tensile Strength</b>	29,000 MD 29,000 TD	Psi	ASTM D 882
<b>Elongation at break</b>	130 MD 130 TD	%	ASTM D 882
<b>Heat Shrinkage</b>	4.0 MD 4.0 TD	%	ASTM D 2732
<b>Haze</b>	3.0	%	ASTM D1003-92
<b>Static COF</b>	0.90 SiO <sub>x</sub> /SiO <sub>x</sub> 0.40 oPA/oPA	-	DIN ISO8295
<b>OTR</b>	0.045 post-retort @ 121°C, 30 min	cc/100in <sup>2</sup> /24 hr.	ASTM D-3985 (73.4° F, 50% RH) Laminated 92ga PET/CPA-002/3.6mil cPP

This product is in compliance with the regulation FDA 21 CFR 177.1500. 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.

Mar 2013