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metallized products



## **CERAMIS® CPP-003**

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

CPP-003 is an SiO<sub>x</sub>-coated polypropylene film with a combination of excellent clarity and good water vapour barrier. The non-SiO<sub>x</sub> surface is corona treated for enhanced bond to inks or laminating adhesives.

Properties	Typical Value	Units	Test Method
Thickness	80	gauge	
Yield	38,900	in <sup>2</sup> /lb	
Tensile Strength	140 MD 340 TD	N/mm <sup>2</sup>	ISO 527-1-3
Elongation	180 MD 50 TD	%	ISO 527-1-3
Haze	4.0	%	ASTM D1003-92
Static COF	0.5 SiO <sub>x</sub> /SiO <sub>x</sub> 0.6 OPP/OPP	-	DIN EN ISO 8295
Oxygen Transmission Rate	0.27	cc/100 in <sup>2</sup> /d	ASTM D3985-81 @ 25°C, 50%RH Laminate to 80 µm CPP
Water Vapor Transmission Rate	0.01	g/100 in <sup>2</sup> /d	ASTM F372-78 @ 38°C, 90%RH Laminate to 80 µm 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.

For more information, visit us at <http://cmp.celplast.com>.

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