



celplast
metallized products



CERAMIS® CPT-001

SILICON OXIDE-COATED POLYESTER FILM

CPT-001 is an SiO_x-coated PET film with a combination of excellent clarity and very good barrier properties. This grade is ideally suited for MAP lidding, pouches & tube laminations.

Properties	Typical Value	Units	Test Method
Thickness	48	gauge	
Yield	41,800	in ² /lb	
Tensile Strength	230 MD 230 TD	N/mm ²	ISO 527-1-2
Elongation	110 MD 110 TD	%	ISO 527-1-2
Heat Shrinkage	1.3 MD 0.1 TD	%	150°C, 15 min.
Haze	3.0	%	ASTM D1003-92
Static COF	0.7 SiO _x /SiO _x 0.4 PET/PET	-	DIN EN ISO 8295
Oxygen Transmission Rate	0.08	cc/100 in ² /d	ASTM D3985-81 @ 23°C, 50%RH Laminate to 80 µm CPP
Water Vapor Transmission Rate	0.06	g/100 in ² /d	ASTM F372-78 @ 38°C, 90%RH Laminate to 80 µm CPP

The polyester side is in compliance with the regulation FDA 21 CFR 177.1630; approved for direct food contact. 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>.

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.

CERAMIS® is a registered trademark of Alcan.