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metallized products



CERAMIS® CPA-002

SILICON OXIDE-COATED NYLON FILM

CPA-002 is an SiO_x-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.

Properties	Typical Value	Units	Test Method
Thickness	60	gauge	
Yield	40,900	in ² /lb	
Tensile Strength	200 MD 200 TD	N/mm ²	ASTM D882
Elongation	130 MD 130 TD	%	ASTM D882
Heat Shrinkage	4.0 MD 4.0 TD	%	130 °C, 30 min.
Haze	3.0	%	ASTM D1003-92
Static COF	0.9 SiO _x /SiO _x 0.4 Nylon/Nylon	-	DIN EN ISO 8295
Oxygen Transmission Rate	0.02 pre-retort 0.04 post-retort @ 121 °C, 30 min	cc/100 in ² /d	ASTM D3985-81 @ 23 °C, 50%RH Laminate 92g PET / CPA-002 / 80 μm 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.

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

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