



celplast
metallized products



CERAMIS® CPA-002

SILICON OXIDE-COATED NYLON FILM

Typical Values

CPA-002 is an SiOx -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 |
|----------------------------|------------------------------------|---------------------------|--|
| Yield | 58,16 | m ² /kg | |
| Thickness | 0.60 15 | Mil µm | |
| Tensile Strength | 199.95 MD 199.95 TD | N/mm ² | ASTM D 882 |
| Elongation at break | 130 MD 130 TD | % | ASTM D 882 |
| Heat Shrinkage | 4.0 MD 4.0 TD | % | ASTM D 2732 |
| Haze | 3.0 | % | ASTM D1003-92 |
| Static COF | 0.90 SiOx/SiOx 0.40 oPA/oPA | - | DIN ISO8295 |
| OTR | 0.7 post-retort @ 121°C, 30 min | cc/m ² /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.

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