



celplast
metallized products



CERAMIS® CPT-022

SILICON OXIDE/TOP COATED POLYESTER FILM

Typical Values

CPT-022 is a top-coated SiO_x -PET film with a combination of excellent clarity and outstanding barrier properties. It is ideally suited for retort pouch applications up to 135°C.

| Properties | Typical Value | Units | Test Method |
|----------------------------|---------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------|
| Yield | 41,600 | in ² /lb | |
| Thickness | 0.48 12 | Mil µm | |
| Tensile Strength | 32,000 MD 32,000 TD | Psi | ISO 527-1-2 |
| Elongation at break | 130 MD 100 TD | % | ISO 527-1-2 |
| Heat Shrinkage | 1.7 MD 0.5 TD | % | DIN 40634 150°C, 15 min |
| Haze | 0.8 | % | ASTM D1003-92 |
| Static COF | 0.70 SiO _x /SiO _x 0.50 PET/PET | - | DIN ISO8295 |
| WVTR | 0.012 Post-retort @121°C, 30 min | g/100in ² /24h | ASTM F1249-90 (73.4° F, 85% RH) Laminated 92g PET/ CPT-022/ 3 mil CPP |
| OTR | 0.012 Post-retort @121°C, 30 min | cc/100in ² /24h | ASTM D-3985 (73.4° F, 50% RH) Laminated 92g PET/ CPT-022/ 3 mil 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.

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