

**CERAMIS® CPP-008**  
**SILICON OXIDE-COATED (SiOx)**  
**POLYPROPYLENE FILM**  
**Developmental Data Sheet**  
 SiOx One Side, Heat Sealable Other Side



CPP-008 is a SiOx-coated polypropylene film with clear transparent appearance and moderate barrier properties. SiOx coated on one side and heat sealable on the other side. Shelf life of six months in the original packaging.

| Properties                        | Typical Value |            | Units                                   | Test Method  |
|-----------------------------------|---------------|------------|---|--|
| Yield                             | 61,00         |            | m <sup>2</sup> /kg                      |  |
| Thickness                         | 0,70<br>18    |            | Mil<br>µm                               |  |
| Tensile Strength                  | MD<br>TD      | 140<br>280 | N/mm <sup>2</sup>                       | ASTM D882  |
| Elongation at break               | MD<br>TD      | 220<br>60  | %                                       | ASTM D882  |
| Haze                              | 5,0           |            | %                                       | ASTM D1003-92  |
| Coefficient of friction (dynamic) | 0,60<br><0,50 |            | SiOx/SiOx<br>oPP/oPP                    | DIN EN ISO 8295  |
| WVTR                              | 0,2           |            | g/(m <sup>2</sup> d)                    | ASTM F1249-90<br>(73.4° F, 85% RH)<br>CPP008/adhesive solvent based/2.8mi cPP    |
| OTR                               | 5,0           |            | cm <sup>3</sup> /(m <sup>2</sup> bar d) | ASTM D-3985-2005<br>(73.4° F, 50% RH)<br>CPP008/adhesive solvent based/2.8mi 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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