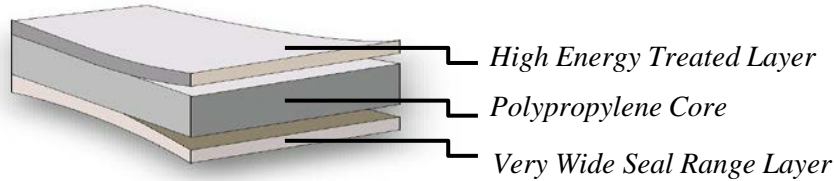


CSS - Clear Heat Sealable (Superior Seal Strength)



Key Performance Characteristics:

Superior seal strength, very wide seal range, enhanced bonds on treated surface

Applications:

Laminations that require superior seal strength

Technical Data

| PROPERTIES | TEST METHOD | UNITS | TYPICAL VALUES |
|---|---------------------------------------|--|--------------------------------------|
| | | | CSS25 |
| THICKNESS | Internal | mil (μm) | 0.97 (25) |
| YIELD | Internal | in ² /lb (m ² /kg) | 31,500 (44.8) |
| HEAT SEAL INITIATION (untreated side) | 1/2 sec, 30 PSI | °F / (°C) | 194 / (90) |
| HEAT SEAL STRENGTH | 1/2 sec, 30 PSI @248°F (120°C) | g/in | >1000 |
| HAZE | ASTM D1003 | % | 5 |
| GLOSS (45°) | ASTM D2457 | G.U. | 85 |
| COEFFICIENT OF FRICTION (non-treat/non-treat side) | ASTM D1894 | Dynamic | 0.32 |
| TENSILE STRENGTH (MD/TD) | ASTM D882 | lb/in ² (kg/cm ²) | 18,000 / 28,000 (1,265) / (2,000) |
| ELONGATION AT BREAK (MD/TD) | ASTM D882 | % | 210 / 60 |
| DIMENSIONAL STABILITY (MD/TD) | 266°F (130°C) 5 min | % | <5 / <3 |
| WATER VAPOR TRANSMISSION RATE (WVTR) | ASTM F1249 100°F (38°C), 90% RH | g/100in ² /24h (g/m ² /24h) | 0.35 (5.4) |
| SURFACE ENERGY | ASTM D2578 | dyne/cm | 40 |

Revision Date: April 2017

The above properties and results obtained refer to the average values of laboratory testing carried out on sample Inteplast product. Inteplast does not guarantee testing accuracy and makes no guarantee of product performance, safety or suitability, either expressed or implied, when used alone or in combination with other products. Inteplast strongly urges users to undertake independent testing in order to verify the suitability of the product for whatever intended use. Inteplast assumes no responsibility for any damage or injury sustained as a result of the use of its products.