

FLEXIBLE PACKAGING - Transparent No Barrier

COVEME EMP/E 12 μ is a biaxially oriented Polyethylene Terephthalate Film corona treated on one side. COVEME EMP/E 12 μ has been designed for converting, printing and lamination, in the flexible packaging applications.

| PROPERTY | TYPICAL VALUE | UNIT | METHOD |
|---|---------------|-------------------------------|-----------------|
| Thickness | 11,4 - 12,6 | μ | Internal Method |
| Density | 1,395 - 1,405 | g/cm ³ | ASTM D 1505 |
| Yield | 59,5 | m ² /Kg | Internal Method |
| Tensile strength (md) | 2000 - 3000 | kg/cm ² | ASTM D 882 |
| Tensile strength (td) | 2000 - 3000 | kg/cm ² | ASTM D 882 |
| Elongation at break (md) | 90 - 170 | % | ASTM D 882 |
| Elongation at break (td) | 90 - 160 | % | ASTM D 882 |
| Heat Shrinkage (md) (150°C 30 min.) | 1,0 - 2,5 | % | ASTM D 1204 |
| Heat Shrinkage (td) (150°C 30 min.) | 0,0 - 1,0 | % | ASTM D 1204 |
| C.o.f. static | < 0,6 | | ASTM D 1894 |
| C.o.f. kinetic | < 0,55 | | ASTM D 1894 |
| Wetting tension Corona Side | 50 - 56 | dynes/cm | ASTM D 2578 |
| Light transmission | 84 - 88 | % | ASTM D 103 |
| O ₂ transmission Typical @ 25°C - 75% RH | 180 | cc/m ² x 24h x atm | ASTM D 3985 |
| Water Vapor Tr Typical @ 38°C - 90% RH | 50 | g/m ² x 24h x atm | ASTM E 96 |
| N ₂ transmission Typical @ 25°C - 75% RH | 33 | cc/m ² x 24h x atm | ASTM D 3985 |
| Co ₂ transmission Typical @ 25°C - 75% RH | 500 | cc/m ² x 24h x atm | ASTM D 3985 |

The technical specification are guaranteed for a period of 6 month from delivery.

The above information is given in good faith and is generally reliable. However, the customer will have to examine the suitability of the film for individual application. Hence no general or particular warranty for the applications of the film is offered by COVEME. The above information is liable to change due to innovation and improvement in the manufacturing process. COVEME assume no liability for any infringement of any patent, copyright or design on the part of the customer while exploiting the film for different end-uses.

Revision: July 2012

Coveme spa is UNI EN ISO 9001-2008 and ISO 14001 certified

