

# AMTOPP AA22

Polypropylene  
Inteplast Group

Message:

Premium CoEx Heat Sealable  
BIAXIALLY ORIENTED POLYPROPYLENE FILM TWO SIDE SEALABLE FOR FOOD PACKAGING

| General Information                          |                 |                         |             |
|--|-----------------|-------------------------|-------------|
| Uses   | Film            |                         |             |
|  | Food Packaging  |                         |             |
| Physical                                     | Nominal Value   | Unit                    |             |
| Dimensional Stability                        |                 |                         |             |
| Across Flow, 130°C <sup>1</sup>              | < 3.0           | %                       |             |
| Flow, 130°C <sup>2</sup>                     | < 5.0           | %                       |             |
| Mechanical                                   | Nominal Value   | Unit                    | Test Method |
| Coefficient of Friction (Dynamic)            | 0.20            | ASTM D1894              |             |
| Films  | Nominal Value   | Unit                    | Test Method |
| Film Thickness - Tested                      | 23              | µm                      |             |
| Tensile Strength                             |                 |                         | ASTM D882   |
| MD : Yield                                   | 11.7            | MPa                     |             |
| TD : Yield                                   | 207             | MPa                     |             |
| Tensile Elongation                           |                 |                         | ASTM D882   |
| MD : Break                                   | 190             | %                       |             |
| TD : Break                                   | 70              | %                       |             |
| Water Vapor Transmission Rate (38°C, 90% RH) | 5.9             | g/m <sup>2</sup> /24 hr | ASTM F1249  |
| Yield <sup>3</sup>                           | 48.8            | m <sup>2</sup> /kg      |             |
| Heat Seal Temperature <sup>4</sup>           |                 |                         |             |
| Treated Side                                 | 121             | °C                      |             |
| Untreated side                               | 93              | °C                      |             |
| Surface Energy                               | 38              | dyne/cm                 | ASTM D2578  |
| Optical                                      | Nominal Value   | Unit                    | Test Method |
| Gloss (45°)                                  | 85              |                         | ASTM D2457  |
| Haze   | 2.0             | %                       | ASTM D1003  |
| NOTE   |                 |                         |             |
| 1.   | 5 minuities     |                         |             |
| 2.   | 5 minutes       |                         |             |
| 3.   | Internal Method |                         |             |
| 4.   | 1/2 sec, 30 PSI |                         |             |

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