

AMTOPP HD18

Polypropylene
Inteplast Group

Message:

Matte Finish CoEx Heat Sealable
BIAXIALLY ORIENTED POLYPROPYLENE FILM ONE SIDE SEALABLE FOR FOOD PACKAGING

| General Information | | | |
|---|-----------------|-------------------------|-------------|
| Uses | Film | | |
| | Food Packaging | | |
| Physical | Nominal Value | Unit | |
| Dimensional Stability ¹ | | | |
| Across Flow, 130°C | < 3.0 | % | |
| Flow, 130°C | < 5.0 | % | |
| Mechanical | Nominal Value | Unit | Test Method |
| Coefficient of Friction | | | ASTM D1894 |
| Dynamic | 0.25 | | |
| Static | 0.35 | | |
| Films | Nominal Value | Unit | Test Method |
| Film Thickness - Tested | 18 | µm | |
| Tensile Strength | | | ASTM D882 |
| MD : Yield | 117 | MPa | |
| TD : Yield | 207 | MPa | |
| Tensile Elongation | | | ASTM D882 |
| MD : Break | 190 | % | |
| TD : Break | 70 | % | |
| Water Vapor Transmission Rate (38°C, 90% RH) | 7.0 | g/m ² /24 hr | ASTM F1249 |
| Yield ² | 62.6 | m ² /kg | |
| Heat Seal Temperature - Untreated side ³ | 116 | °C | |
| Surface Energy | 40 | dyne/cm | ASTM D2578 |
| Optical | Nominal Value | Unit | Test Method |
| Haze | 73 | % | ASTM D1003 |
| NOTE | | | |
| 1. | 5 minutes | | |
| 2. | Internal Method | | |
| 3. | 1/2 sec, 30 PSI | | |

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