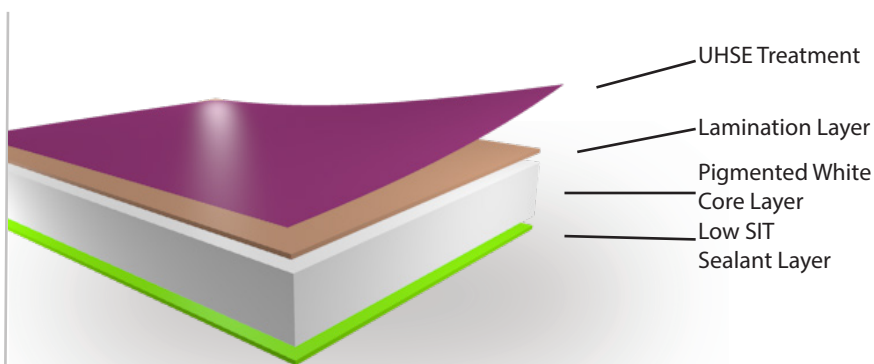


TORAYFAN[®] FP72W

Applications

- Confections
- Snacks
- Bakery
- Pet Food
- Ag/Chem
- Medical



ONE SIDE TREATED, ONE
SIDE HEAT SEALABLE
WHITE BOPP WITH LOW SIT

Summary

Pigmented white biaxially oriented polypropylene film, one side treated with Toray's Ultra High Surface Energy (UHSE) treatment and one side incorporates Toray's broad seal range sealant providing very low SIT.

Technical Data *

| PROPERTIES | | METHOD | UNITS | TYPICAL VALUES | |
|--|----|------------|-----------------------|----------------|-------|
| Thickness | | - | micron | 18 | 20 |
| Nominal Yield | | - | m ² /kg | 60 | 52 |
| Tensile Strength at Break | MD | ASTM D882 | MPa | 100 | 100 |
| | TD | | | 300 | 300 |
| Young's Modulus | MD | ASTM D882 | MPa | 2,200 | 2,200 |
| | TD | | | 3,800 | 3,800 |
| Elongation at Break | MD | ASTM D882 | % | 200 | 200 |
| | TD | | | 60 | 60 |
| Heat Shrinkage (140°C for 15 minutes) | MD | ASTM D1204 | % | 8 | 8 |
| | TD | | | 5 | 5 |
| Coefficient of Friction (Sealant Side) | | ASTM D1894 | μ_s | 0.68 | 0.68 |
| | | | μ_d | 0.47 | 0.47 |
| Opacity | | TAPPI | % | 75 | 75 |
| Heat Seal Strength @ 121°C | | 1 | g/25mm | 430 | 430 |
| Seal Initiation Temp (>200g/25mm) | | 1 | °C | 91 | 91 |
| Hot Tack @ 121°C | | 2 | g/25mm | 210 | 210 |
| MVTR - 38°C, 90% RH | | ASTM F1249 | g/m ² /day | 7.0 | 5.9 |

1 Sentinel Sealer model 12 ASL, 0.5 sec, 20 psi. UPPER: flat, Teflon™ coated. LOWER: rubber with glass cloth, unheated
2 Sentinel Sealer (see 1) with VERSATOOL hot tack attachment.

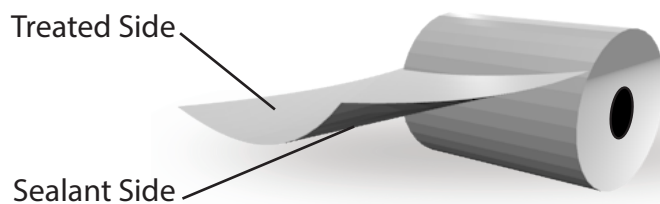
Key Features

- Excellent adhesion for adhesives or ink
- Wide heat seal range for lap seals
- Excellent hot-tack and very wide heat seal range

Typical Structures

- F61W/ink/PE or ADH/FP72W - lap or fin seal
- CBC/ink/PE or ADH/FP72W - lap or fin seal
- O.L./ink/FP72W - fin seal

Winding Direction



* These values do not constitute specific binding specifications

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