



Resin formulation for High Barrier Film



Film structure:

- 4 μm (13.4 %) 90 % ExxonMobil Exceed™ 2018EB and
10 % ExxonMobil LD1 85BW /
- 7.5 μm (25 %) 80 % ExxonMobil Exceed™ LL 1002YB and
20 % ExxonMobil LD1 85BW /
- 1.5 μm (5 %) Mitsui Admer® NF498E /
- 1.5 μm (5 %) BASF Ultramid® C33 01 /
- 1 μm (3.2 %) EVAL Europe EVAI™ F171B /
- 1.5 μm (5 %) BASF Ultramid® C33 01 /
- 1.5 μm (5 %) Mitsui Admer® NF498E /
- 7.5 μm (25 %) 80 % ExxonMobil Exceed™ LL 1002YB and
20 % ExxonMobil LD 185BW /
- 4 μm (13.4 %) 90 % ExxonMobil Exceed™ 2018EB and
10 % ExxonMobil LD 185BW /

Film thickness:

30 μm, Lay flat width: 1,300 mm

TECHNICAL DESCRIPTION

- **ALPINE EXTRUDERS :**
HX 65 / 50 / 50 / 50 / 50 / 50 / 59 / 50 / 65 S – 30 L/D
All extruders have water cooled / heated grooved feeding section and are equipped with barrier screws in modular design
Main drive via CMG drive
Hydraulic screen changers HSC
- **PNEUMATIC ALPINE MATERIAL CONVEYING UNIT**
AMC 9/500/36
- **ALPINE GRAVIMETRIC METER WEIGHT CONTROL SYSTEM**
ALVIS 9/27 WITH ALPINE MATERIAL DOSING AMD 9/27 G
- **9-LAYER BLOWN FILM DIE HEAD – NBF 40 - 56 X :**
Designed for thin barrier layers and high layer flexibility
Die diameter : 400 mm
Gap : 1.5 mm
- **BUBBLE COOLING SYSTEM :**
Alpine External Cooling AEC 500, CRP 50
Alpine Internal Cooling AIC 500
- **ALPINE CALIBRATION BASKET ACB 20**
- **PROFILE MEASURING SYSTEM PMS 20 N :**
Nuclear gauge profile sensor (Gamma backscatter)
- **PROFILE CONTROL SYSTEM POS :**
Profile Regulation System with segmented Cooling Ring CRP50
Incl. Profile Visualization ProVis
- **ALPINE OSCILLATING NIPS AON 20:**
360° horizontal oscillating haul-off system
Collapsing frame with carbon fibre rollers
- **ALPINE CENTER GUIDER ACG 20**
- **ALPINE CORONA TREATER ACT 20**
- **ALPINE DOUBLE WINDER SERIES 20 ZE :**
Winding modes : Contact winding, center winding, center-surface gap winding. Face to face
Maximum line speed : 150 m/min
- **LINE CONTROL / AUTOMATION :**
Extrusion Visualisation and Control Software ExVis
Bubble diameter / lay flat width control BDC
One touch change
Communication between all units of the line via PROFIBUS

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