



Resin formulation for Cling and Lamination Film



Film structure:

40 % ExxonMobil Exceed™ 1018EB and 40 % ExxonMobil Exceed™ 1018CA and 20% ExxonMobil LD 185BW /

80% ExxonMobil LD 165BW1 and 20 % ExxonMobil Exceed™ 1018EB /

40 % ExxonMobil Exceed™ 1018EB and 40 % ExxonMobil Exceed™ 1018CA and 20% ExxonMobil LD 185BW

Film thickness:

50 µm, layflat width: 2,400 mm (3 x 800 mm)

Layer distribution:

24 % / 52 % / 24 %

Throughput:

Approx. 680 kg/h

TECHNICAL DESCRIPTION

- **ALPINE EXTRUDERS :**
HX 75 / 105 / 75 – 30 L/D
All extruders have water cooled grooved feeding section and are equipped with barrier screws in modular design
Main drive via AC motor
Hydraulic screen changers HSC
- **PNEUMATIC ALPINE MATERIAL CONVEYING UNIT**
AMC 3/710/12
- **ALPINE GRAVIMETRIC METER WEIGHT CONTROL SYSTEM**
ALVIS 3/9 WITHALPINE MATERIAL DOSING AMD 3/9 G
- **3-LAYER BLOWN FILM DIE HEAD – TBF 25-50 X :**
Designed for high throughputs
Die diameter : 400 mm
Gap : 1.2 mm
- **BUBBLE COOLING SYSTEM :**
Alpine External Cooling AEC 710 : Double cooling ring, CCRP 50
Alpine Internal Cooling AIC 710 : For operation with double cooling ring
Alpine Air Chiller AAC
- **ALPINE CALIBRATION BASKET ACB 30**
- **PROFILE MEASURING SYSTEM PMS 30 C :**
Capacitive gauge profile sensor
- **PROFILE OPTIMIZATION SYSTEM POS :**
Profile Regulation System with segmented Cooling Ring CRP50
Incl. Profile Visualization ProVis
- **ALPINE OSCILATING NIPS AON 32 :**
360° horizontal oscillating haul-off system
Collapsing frame with carbon fibre rollers
- **ALPINE CENTER GUIDER ACG 25**
- **ALPINE CORONA TREATER ACT 25**
- **ALPINE DOUBLE WINDER SERIES AWD 25 ZE :**
Winding modes : Contact winding, contact-center winding, central gap winding
Roll handling system
Maximum line speed : 150 m/min
- **LINE CONTROL / AUTOMATION :**
Extrusion visualisation and control software ExVis
Bubble diameter control BDC
Communication between all units of the line via PROFIBUS

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