

## TECHNICAL DATA SHEET

# INTRALIFE COMPOUND LF01

**DESCRIPTION** : Starch bio-based composite.

**APPLICATION** : Blown film

**BIOBASED CONTENT** : 35 %

### Physical Properties

MFR (190°C / 2.16 kg)	ASTM D1238	g/10 min	1.00 - 3.00
Specific Gravity	ASTM D792	-	0.98 - 1.08

### Mechanical Properties

			MD	TD
Tensile Strength at Yield	ASTM D882	MPa	17 - 22	12 - 15
Elongation at Break	ASTM D882	%	415 - 510	600 - 735
Young's Modulus	ASTM D882	MPa	155 - 195	185 - 230

### Processing Guide

Zone 1 Temperature*	Internal Method	°C	160 - 165
Zone 2 Temperature*	Internal Method	°C	165 - 170
Zone 3 Temperature*	Internal Method	°C	175 - 180
Adaptor Temperature*	Internal Method	°C	175 - 180
Joint Temperature*	Internal Method	°C	170 - 175
Dies Temperature*	Internal Method	°C	170 - 175
Pre-drying Temperature	Internal Method	°C	65 - 75
Pre-drying Time	Internal Method	hours	1 - 2

\*Diameter screw : 55 cm, L/D 36

**Packaging** : **INTRALIFE COMPOUND F01** is supplied in pellet form, in 25 kgs double layered bags, consisting of plastic PE bag as inner layer and PP woven laminated paper bag as outer layer. Store in a cool dry place to prevent contamination and moisture absorption.

These suggestion and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of utilization of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.