Pearlised White Metallised
BOPP Film

**OPLAR**
SPWM (A01) General Purpose

**Product Features**
- Pearlescent appearance
- Good opacity
- Good moisture and oxygen barrier
- Good runability on HFFS and VFFS

**OPLAR-SPWM A01 grade** is Pearlised White BOPP film with one side metallisation and other side sealable properties. The film ensures good moisture and gas barrier properties. This film performs well on all types of HFFS & VFFS machines.

**Typical Applications**
- Typically used as an inner web in lamination and can also be used as a monolayer
- Confectionary, snacks, ice cream & frozen food

**Properties** | **Unit** | **Test Method** | **25** | **30** | **35** | **40**
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Nominal Thickness | Micron | Internal | 25 | 30 | 35 | 38
Grammage | g/m² | ASTM D 1505 | 18.8 | 22.5 | 26.3 | 30
Yield | m²/kg | Internal | 53.3 | 44.4 | 38.1 | 33.3
Density | g/cc | Internal | 0.75

**Surface Properties**
- Optical Density

**Mechanical Properties**
- Tensile Strength
  - MD: kg/cm²
  - TD: kg/cm²
- Tensile Elongation
  - MD: %
  - TD: %
- Elastic Modulus
  - MD: kg/cm²
  - TD: kg/cm²

**Thermal Properties**
- Shrinkage
  - MD: %
  - TD: %
- Heat Seal Range
  - UT: °C
  - TI: Internal
  - TO: 110-145
- Heat Seal Strength
  - UT/UT: g/25mm
  - 130°C/2 Bar/1 Sec
  - 200 | 200 | 250 | 250

**Barrier Properties**
- WVTR: g/m²/day
  - ASTM F 1249
  - <0.5
- OTR: cc/m²/day
  - ASTM D 3985
  - <60

**Printability:** Before processing of material refreshment with Corona treatment is strongly recommended. A suitable primer is also recommended when metallised surface is to be printed. Corona Treatment of the metallised film will decay with time & rapidity of the decay will depend upon length of storage & weather conditions. As a result we cannot guarantee for the period for which treatment will remain on the film.

**Disclaimer:** The information provided above is based on SRF FLEXIPAK conclusive tests, which are indicative only and provided as guidelines. Customers are solely responsible for the end use in all respects. Customers should verify the suitability of the film for its end use. SRF FLEXIPAK gives no warranty or accepts liability for any loss and fitness of the product for any specific purpose. SRF FLEXIPAK reserves the right to change the technical data sheet at any time for enhancing the quality of the product without prior information. Storage Conditions between 22-30°C & RH 40-60% is recommended in order to minimize the deterioration of the film properties in general. It is advisable to turn out the inventory on FIFO basis. The film should be conditioned in the operating environment for at least 24 hours before processing.

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