



## The Polyolefin Company (Singapore) Pte

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Co. Reg. No.:

# COSMOPLENE® FS3028

## CHARACTERISTICS

**COSMOPLENE® FS3028** is Polypropylene Homopolymer resin developed Biaxially oriented films for dielectric applications used in capacitors.

**COSMOPLENE® FS3028** is a high purity resin with low ash content. It does contain slip, antiblock, nucleating and antistatic additives.

## APPLICATIONS

**COSMOPLENE® FS3028** is specially designed for biaxially oriented films for dielectrical films used in capacitors. It is applicable for metallization process

## PHYSICAL PROPERTIES

| ITEM                       | UNIT              | FS3028 | TEST METHOD |
|----------------------------|-------------------|--------|-------------|
| Melt Flow Rate             | g/10 mins         | 3.0    | ASTM D1238  |
| Density                    | g/cm <sup>3</sup> | 0.90   | ASTM D792   |
| Melting Point              | °C                | 166    | TPC METHOD  |
| Isotactic Index            | %                 | 96     | TPC METHOD  |
| Catalyst residue, Titanium | ppm               | < 1    | TPC METHOD  |
| Aluminium                  | ppm               | < 5    | TPC METHOD  |
| Chloride                   | ppm               | < 10   | TPC METHOD  |
| Total Ash content          | ppm               | < 30   | TPC METHOD  |

- The figures presented are typical laboratory averages, only for reference.
- The information is based on our current knowledge, is subjected to continuous updates and is intended to suggest/ recommend product applications and to provide typical data on the related properties. It should not therefore be construed as guaranteeing any specific property of the product. TPC makes no warranty of any kind, expressed or implied, regarding the accuracy of these data.