



## The Polyolefin Company (Singapore) Pte

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Co. Reg. No.:

# COSMOTHENE<sup>®</sup> G215

## CHARACTERISTICS

**COSMOTHENE G215** has excellent strength and stress cracking resistance.

## APPLICATIONS

Small articles injection molding, blow bottle, bottle cap and lid.

**G215** complies with U.S. FDA Regulation 21 CFR 177.1520 (C) 2.1, as long as used unmodified and processed according to standard manufacturing practices in the industries.

Note : Direct food contact is subjected to the extraction provisions of the regulation on the finished contact article.

## PHYSICAL PROPERTIES

| ITEM                      | UNIT              | G215 | TEST METHO |
|---------------------------|-------------------|------|------------|
| Melt Flow Rate            | g/10 mins         | 1.5  | ASTM D1238 |
| Density                   | g/cm <sup>3</sup> | 0.92 | ASTM D792  |
| Tensile Strength at break | MPa               | 16.0 | ASTM D638  |
| Elongation                | %                 | 700  | ASTM D638  |
| Stiffness                 | MPa               | 200  | ASTM D747  |
| Melting Point             | °C                | 108  | 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.