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Co. Reg. No.: 198001666D

COSMOPLENE[®] FC9415G

CHARACTERISTICS

COSMOPLENE FC9415G is a Polypropylene Random Copolymer specially designed for PP woven cloth coating with low coating temperature, high bonding strength, small neck-in and higher coating speed.

APPLICATIONS

Extrusion coating for PP woven bag, cloth/paper sandwich for chemical and cement bag.

FC9415G complies with U.S. FDA Regulation 21 CFR 177.1520 (C) 3.1a, as long as it is 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 food contact article.

PHYSICAL PROPERTIES

| ITEM | UNIT | FC9415G | TEST METHOD |
|---------------------------|-------------------|---------|-------------|
| Melt Flow Rate | g/10 mins | 30 | ASTM D1238 |
| Density | g/cm ³ | 0.90 | ASTM D792 |
| Tensile Strength at break | MPa | 25 | ASTM D638 |
| Elongation at break | % | 850 | ASTM D638 |
| Stiffness | MPa | 730 | ASTM D747 |
| Melting Point | °C | 136 | 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.



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COSMOPLENE[®]

POLYPROPYLENE

COSMOTHENE[®]

LOW DENSITY POLYETHYLENE

COSMOTHENE[®] EVA

ETHYLENE VINYL
ACETATE COPOLYMER