



The Polyolefin Company (Singapore) Pte

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Co. Reg. No.:

COSMOPLENE® FY2012E

CHARACTERISTICS

COSMOPLENE FY2012E is Polypropylene Homopolymer designed for excellent strength, low Neck-in and good processibility.

APPLICATIONS

COSMOPLENE FY2012E is formulated for yarn, tapes, bands, monofilaments etc.

PHYSICAL PROPERTIES

ITEM	UNIT	FY2012E	TEST METHOD
Melt Flow Rate	g/10 mins	2.5	ASTM D1238
Density	g/cm ³	0.90	ASTM D792
Tensile Strength at break	MPa	44.1	ASTM D638
Elongation at break	%	850	ASTM D638
Stiffness	MPa	1,370	ASTM D747
Melting Point	°C	164	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.