The Polyolefin Company (Singapore) Pte. Ltd.

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COSMOPLENE® FY3012E

CHARACTERISTICS

COSMOPLENE FY3012E is Polypropylene Homopolymer designed with good stiffness, tensile strength and processibility.

APPLICATIONS

COSMOPLENE FY3012E is formulated for yarn, tapes, bands, monofilaments etc.

PHYSICAL PROPERTIES

ITEM	UNIT	FY3012E	TEST METHOD
Melt Flow Rate	g/10 mins	3.2	ASTMD1238
Density	g/cm^3	0.90	ASTM D792
Tensile Strength at break	MPa	43	ASTM D638
Elongation	%	850	ASTM D638
Stiffness	MPa	1,320	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.

Responsible Care® OUR COMMITMENT TO SUSTAINABILITY

CERTIFICATE SG99/16071 CERTIFICATE SG05/00847 SS 506 Part 3: 2006 Cert No: CIS/86090 OHSAS 18001:2007 Cert No: CIS/86090

Jan 2011