



The Polyolefin Company (Singapore) Pte

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Co. Reg. No.:

COSMOPLENE® FS6612L

CHARACTERISTICS

COSMOPLENE FS6612L is Polypropylene Terpolymer product designed for double bubble process with low heat seal temperature, high transparency and surface gloss.

APPLICATIONS

COSMOPLENE FS6612L is suitable for skin layer when coextruded with LLDPE core layer for shrink film application. **FS6612L** contains Antiblocking agent and slip agent.

FS6612L 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 contact article.

PHYSICAL PROPERTIES

ITEM	UNIT	FS6612L	TEST METHOD
Melt Flow Rate	g/10 mins	5	ASTM D1238
Density	g/cm ³	0.90	ASTM D792
Tensile Strength at break	MPa	44	ASTM D638
Elongation	%	880	ASTM D638
Stiffness	MPa	760	ASTM D747
Melting Point	°C	128	TPC METHOD

FILM PROPERTIES (CPP)

ITEM	UNIT	FS6612L	TEST METHOD
Haze	(%)	1.0	ASTM D1003
Gloss	(%)	150	ASTM D2457
Young Modulus (MD)	MPa	360	TPC METHOD
(TD)		370	
Heat Seal Temperature	(°C)	115	TPC METHOD
COF	Static	0.4	ASTM D1894
Resin Temperature	(°C)	250	
Chill Roll Temperature	(°C)	26	
Thickness	μ	30	

- 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, express or implied, for the accuracy or completeness of the information.