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Co. Reg. No.: 198001666D

COSMOPLENE® FL7013E2

CHARACTERISTICS

COSMOPLENE FL7013E2 is Polypropylene Homopolymer product with good Aluminum adhesiveness and stiffness/impact balance.

APPLICATIONS

COSMOPLENE FL7013E2 is designed for Aluminum metalized cast film (MCP) application and can be coextruded with selected Copolymer for heat seal purposes.

FL7013E2 complies with U.S. FDA Regulation 21 CFR 177.1520 (C) 1.1a, 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	FL7013E2	TEST METHOD
Melt Flow Rate	g/10 mins	7	ASTM D1238
Density	g/cm ³	0.90	ASTM D792
Tensile Strength at break	MPa	44.1	ASTM D638
Elongation	%	800	ASTM D638
Stiffness	MPa	1,420	ASTM D747
Melting Point	°C	165	TPC Method

FILM PROPERTIES

ITEM	UNIT	FL7013E2	TEST METHOD
Haze	%	4.6	ASTM D1003
Gloss	%	120	ASTM D2457
Young Modulus	MD TD	810 790	TPC Method
Film thickness	μ	30	
Resin Temperature	°C	250	
Chill Roll Temperature	°C	50	

- The figures presented are typical laboratory averages, only for reference.



Responsible Care



CERTIFICATE SG99/16071



CERTIFICATE TW05/00847EM

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COSMOPLENE®

POLYPROPYLENE

COSMOTHENE®

LOW DENSITY POLYETHYLENE

COSMOTHENE® EVA

ETHYLENE VINYL
ACETATE COPOLYMER

ACRYFT®

ETHYLENE METHYL
METHACRYLATE