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COSMOPLENE® FL7015E2

CHARACTERISTICS

COSMOPLENE FL7015E2 is Polypropylene Homopolymer designed for cast film with good flow compatibility when coextruded with selected Copolymer/Terpolymer as skin layer.

APPLICATIONS

COSMOPLENE FL7015E2 is formulated with slip agent as core layer when coextruded with Copolymer/Terpolymer as heat sealable film.

FL7015E2 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	FL7015E2	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	FL7015E2	TEST METHOD
Haze	%	0.3	ASTM D1003
Gloss	%	131	ASTM D2457
Young Modulus MD	MPa	740	TPC Method
TD		760	
Film Thickness	μ	30	
Resin Temperature	°C	250	
Chill Roll Temperature	°C	26	

- 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