



# 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 <sup>3</sup>	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	

