



COSMOPLENE® FL7642

CHARACTERISTICS

COSMOPLENE FL7642 is Polypropylene Terpolymer product with good Aluminum adhesiveness, good process stability and low seal temperature.

APPLICATIONS

COSMOPLENE FL7642 is designed for heat sealing layer in Aluminum metalized cast film (MCP) application. **FL7642** contains antiblocking agent only.

FL7642 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 food contact article.

PHYSICAL PROPERTIES

ITEM	UNIT	FL7642	TEST METHOD
Melt Flow Rate	g/10 mins	7	ASTM D1238
Density	g/cm ³	0.90	ASTM D792
Tensile Strength at break	MPa	45	ASTM D638
Elongation	%	880	ASTM D638
Stiffness	MPa	780	ASTM D747
Melting Point	°C	128	TPC METHOD

FILM PROPERTIES (30μ)

ITEM	UNIT	FL7642	TEST METHOD
Haze	%	2.5	ASTM D1003
Gloss	%	140	ASTM D2457
Young Modulus (MD)	MPa	650	TPC METHOD
(TD)		640	
Heat Seal Temperature	°C	116	TPC METHOD

Extrusion Temperature - 240°C, Chill Roll Temperature - 50°C

