

COSMOPLENE® FS5612

Polypropylene Terpolymer

TPC, The Polyolefin Company (Singapore) Pte Ltd

Message:

COSMOPLENE FS5612 is Polypropylene Terpolymer product designed for BOPP film with standard heat sealing, good optical properties and excellent processibility in terms of roll stickiness.

COSMOPLENE FS5612 is suitable for skin layer as sealant material when co-extruded with Homo PP as core layer, for heat sealable and metalizable BOPP applications. FS5612 contains no film additives like slip and antiblocking agents.

FS5612 complies with U.S. FDA Regulation 21 CFR 177.1520 (C) 3.2a, as long as it is used unmodified and processed according to standard manufacturing practices in the industries.

General Information			
Features	Optical Workability, good Terpolymer		
Uses	Bi-axially Oriented Film Films		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a		
Processing Method	Film extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	3.0	g/10 min	ASTM D1238
Ash Content		ppm	Internal method
Catalyst Residue			Internal method
Aluminum		ppm	Internal method
Chloride		ppm	Internal method
Titanium		ppm	Internal method
Isotactic Index	96	%	Internal method
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	166	°C	Internal method

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