COSMOPLENE® FS6612L

Polypropylene

TPC, The Polyolefin Company (Singapore) Pte Ltd

Message:

COSMOPLENE FS6612L is Polypropylene Terpolymer product designed for double bubble process with low heat temperature, high transparency and surfact gloss.
COSMOPLENE FS6612L is suitable for skin layer when coextruded with LLDPE as core layer for shrink film application. FS6612L contains Antiblocking agent and slip agent.

General Information	
Additive	Antiblock Slip
Features	Antiblocking High Clarity High Gloss Low Temperature Heat Sealability Slip Terpolymer
Uses	Film
Agency Ratings	FDA 21 CFR 177.1520(c) 3.2a
Processing Method	Coextrusion Film Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)	5.0	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	44.0	MPa	ASTM D638
Tensile Elongation (Break)	880	%	ASTM D638
Apparent Bending Modulus	760	MPa	ASTM D747
Coefficient of Friction (vs. Itself - Static)	0.40		ASTM D1894
Films	**Nominal Value**	**Unit**	**Test Method**
Film Thickness - Tested	30	µm	
Secant Modulus			Internal Method
MD : 30 µm	360	MPa	
TD : 30 µm	370	MPa	
Seal Initiation Temperature (30 µm)	115	°C	Internal Method
Thermal	**Nominal Value**	**Unit**	**Test Method**
Melting Temperature	128	°C	Internal Method

Optical	Nominal Value	Unit	Test Method
Gloss (30.0 µm)	150		ASTM D2457
Haze (30.0 µm)	1.0	%	ASTM D1003

Extrusion	Nominal Value	Unit
Melt Temperature	250	°C
Take-Off Roll	26.0	°C

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China