

# COSMOTHENE® F410-3

Low Density Polyethylene

TPC, The Polyolefin Company (Singapore) Pte Ltd

## Message:

COSMOTHENE F410-3 is not formulated with slip and antiblock agents for better cling property.  
Food wrapping film and diaper film.

General Information			
Uses	Film Food Wrap		
Agency Ratings	FDA 21 CFR 177.1520(c) 2.1		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.923	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	13.9	MPa	ASTM D638
Tensile Elongation (Break)	550	%	ASTM D638
Apparent Bending Modulus	240	MPa	ASTM D747
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	111	°C	Internal Method

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## 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



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