

COSMOTHENE® F702-3

Low Density Polyethylene

TPC, The Polyolefin Company (Singapore) Pte Ltd

Message:

COSMOTHENE® F702-3 is a Low Density Polyethylene product. It can be processed by extrusion and is available in Asia Pacific. Applications of COSMOTHENE® F702-3 include bags/liners and film.

Characteristics include:

Impact Resistant

Slip

General Information			
Additive	Medium Slip		
Features	Good Impact Resistance		
	Low Density		
	Medium Slip		
Uses	Bags		
	Film		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	13.7	MPa	ASTM D638
Tensile Elongation (Yield)	550	%	ASTM D638
Apparent Bending Modulus	200	MPa	ASTM D747
Thermal	Nominal Value	Unit	
Melting Temperature	108	°C	
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	120 to 140	°C	
Cylinder Zone 2 Temp.	130 to 150	°C	
Cylinder Zone 3 Temp.	140 to 160	°C	
Melt Temperature	155 to 175	°C	
Die Temperature	155 to 175	°C	

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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

