

COSMOTHENE® L705

Low Density Polyethylene

TPC, The Polyolefin Company (Singapore) Pte Ltd

Message:

COSMOTHENE® L705 is a Low Density Polyethylene product. It can be processed by extrusion coating and is available in Asia Pacific. Typical application:

Coating Applications.

Characteristics include:

Good Adhesion

Good Processability

Good Sealability

General Information			
Features	Good Adhesion		
	Good Heat Seal		
	Good Processability		
	Low Neck-In		
Uses	Coating Applications		
Forms	Pellets		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.918	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	13.7	MPa	ASTM D638
Tensile Elongation (Break)	550	%	ASTM D638
Apparent Bending Modulus	216	MPa	ASTM D747
Thermal	Nominal Value	Unit	
Melting Temperature	105	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	300 to 320	°C	

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