

COSMOLEX® FS253R

Linear Low Density Polyethylene
TPC, The Polyolefin Company (Singapore) Pte Ltd

Message:

COSMOLEX® FS253R is a Linear Low Density Polyethylene product. It can be processed by extrusion and is available in Asia Pacific. Typical application: Film.

Characteristics include:

- Good Processability
- High Strength
- Slip

General Information			
Additive	High Slip		
Features	Excellent Printability		
	General Purpose		
	Good Processability		
	High Slip		
	High Strength		
	Low Density		
Uses	Film		
	General Purpose		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.924	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	24.5	MPa	ASTM D638
Tensile Elongation (Yield)	800	%	ASTM D638
Apparent Bending Modulus	270	MPa	ASTM D747
Thermal	Nominal Value	Unit	
Melting Temperature	122	°C	
Extrusion	Nominal Value	Unit	
Die Temperature	160 to 180	°C	

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Recommended distributors for this material

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