

# COSMOTHENE® G812

Low Density Polyethylene

TPC, The Polyolefin Company (Singapore) Pte Ltd

## Message:

COSMOTHENE G812 has excellent gloss and moldability.

Artificial flower, sundry and many others injection molding usages.

General Information			
Features	Good Moldability		
	High Gloss		
Uses	Lids		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.917	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	9.80	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Apparent Bending Modulus	180	MPa	ASTM D747
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	105	°C	Internal Method

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## Recommended distributors for this material

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