

COSMOTHENE® G215

Low Density Polyethylene

TPC, The Polyolefin Company (Singapore) Pte Ltd

Message:

COSMOTHENE® G215 is a Low Density Polyethylene product. It can be processed by injection molding and is available in Asia Pacific. Applications of COSMOTHENE® G215 include caps/lids/closures and bottles. Primary characteristic: high escr (stress crack resistant).

General Information			
Features	Good Strength		
	High ESCR (Stress Crack Resist.)		
Uses	Bottles		
	Caps		
	Lids		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	1.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	15.7	MPa	ASTM D638
Tensile Elongation (Break)	650	%	ASTM D638
Apparent Bending Modulus	196	MPa	ASTM D747
Thermal	Nominal Value	Unit	
Melting Temperature	108	°C	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	170 to 200	°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



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