

SEETEC LDPE BS500

Low Density Polyethylene

LG Chem Ltd.

Message:

Application

Foam sheet

Feature

Characteristics : Good Processability, Good cell uniformity& stability

Additives : Antioxidant, Antiblocking agent, Slip Agent

General Information			
Additive	Antiblock		
	Antioxidant		
	Slip		
Features	Good Processability		
	Good Stability		
Uses	Foam		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.918 to 0.921	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.1 to 3.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 2% Secant ²	108	MPa	ASTM D638
Tensile Strength ³ (Break)	12.3	MPa	ASTM D638
Tensile Elongation ⁴ (Break)	600	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	90.0	°C	ASTM D1525
Peak Melting Temperature ⁵	105	°C	ASTM D3418
NOTE			
1.	Condition: 23°C		
2.	500 mm/min		
3.	500 mm/min		
4.	500 mm/min		
5.	Condition: 10°C/min		

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