

Lucene™ SE1020A

Linear Low Density Polyethylene

LG Chem Ltd.

Message:

Application

Easy Processing PE, EZP Blown Film

Agricultural Film, Industrial Film

Characteristics

Outstanding Processibility & Clarity

Excellent Tensile strength & Tear strength

Co-monomer : Hexene-1

Additives : Slip & Antiblocking agent

General Information			
Additive	Anti-caking agent slip agent		
Features	Low density High tensile strength smoothness hexene comonomer Anti-caking property Workability, good Good tear strength Definition, high		
Uses	Blown Film Films Industrial application Agricultural application		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Density	0.921	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD: Fracture	46.1	MPa	ASTM D882
TD: Fracture	46.1	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	650	%	ASTM D882
TD: Fracture	680	%	ASTM D882

Dart Drop Impact	450	g	ASTM D1709
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	115	°C	Internal method
Optical	Nominal Value	Unit	Test Method
Haze (50.0 μm)	11	%	ASTM D1003
Additional Information	Nominal Value		
Blow-up Ratio	1.50 - 3.00		
Extrusion	Nominal Value	Unit	
Melt Temperature	150 - 180	°C	

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