

# G-Lene E20AN009

Linear Low Density Polyethylene

Gas Authority of India Limited

## Message:

G-Lene E20AN009 is a Linear Low Density Polyethylene material. It is available in Asia Pacific for film extrusion.

Important attributes of G-Lene E20AN009 are:

Antioxidant

High Gloss

High Stiffness

Impact Resistant

Warp Resistant

Typical applications include:

Coating Applications

Film

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	High Gloss		
	High Impact Resistance		
	High Stiffness		
	Low Gel		
	Low Warpage		
Uses	Med.-Wide Molecular Weight Distrib.		
	Film		
	Laminates		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.90	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Coefficient of Friction			ASTM D1894
vs. Itself - Dynamic, Blown Film	0.44		
vs. Itself - Static, Blown Film	0.50		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Break, 40 µm,Blown Film	37.3	MPa	
TD : Break, 40 µm,Blown Film	29.4	MPa	
Tensile Elongation			ASTM D882

MD : Break, 40 μm,Blown Film	760	%	
TD : Break, 40 μm,Blown Film	800	%	
Dart Drop Impact (40 μm, Blown Film)	130	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 40 μm, Blown Film	160	g	
TD : 40 μm, Blown Film	400	g	

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#### Recommended distributors for this material

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