

# G-Lene F20S009

Linear Low Density Polyethylene  
Gas Authority of India Limited

Message:

G-Lene F20S009 is a Linear Low Density Polyethylene material. It is available in Asia Pacific for film extrusion.  
Important attributes of G-Lene F20S009 are:  
High Gloss  
High Stiffness  
Impact Resistant  
Slip  
Warp Resistant  
Typical applications include:  
Additive/Masterbatch  
Bags/Liners  
Coating Applications  
Film  
Industrial Applications

General Information			
Additive	Slip		
Features	High Gloss		
	High Impact Resistance		
	High Stiffness		
	Low Gel		
	Low Warpage		
	Med.-Wide Molecular Weight Distrib.		
	Slip		
Uses	Blending		
	Film		
	Industrial Applications		
	Laminates		
	Liners		
	Packaging		
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	0.13		

vs. Itself - Static, Blown Film	0.16		
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Break, 40 μm,Blown Film	42.2	MPa	
TD : Break, 40 μm,Blown Film	31.4	MPa	
Tensile Elongation			ASTM D882
MD : Break, 40 μm,Blown Film	760	%	
TD : Break, 40 μm,Blown Film	860	%	
Dart Drop Impact (40 μm, Blown Film)	140	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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