

G-Lene W50A009

High Density Polyethylene

Gas Authority of India Limited

Message:

W50A009 has an excellent processability with an optimum balance of tape strength and elongation. Its application includes woven sacks for Fertilizer Industry, Foodgrain packaging, Sugar, chemicals and Industrial packaging. It is well accepted by the leading processors for high strength (tenacity) stretched tape application.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	High Gloss		
	High Impact Resistance		
	High Stiffness		
	Low Warpage		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm ³	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
Tensile Strength (Yield)	21.6	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	497	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	123	°C	ASTM D1525

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