

Malen E FGAN 18-D003

Low Density Polyethylene

LyondellBasell Industries

Message:

The low melt flow index of this PE resin ensures that the products are highly resistant to impact and are exceptionally strong and durable. The excellent mechanical properties obtained in films made from Malen E FGAN 18-D003 make them ideal for production of transportation bags, shrink film for pallet packaging and many other applications.

Malen E FGAN 18-D003 contains some anti-oxidant, which increases the polymer's resistance to degradation during processing and reduces its tendency to turn jelly. This product is not intended for use in medical and pharmaceutical applications.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Durable		
	High Impact Resistance		
	High Strength		
	Low Flow		
	Opticals		
Uses	Bags		
	Blow Molding Applications		
	Film		
	Packaging		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.918 to 0.921	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.20 to 0.35	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	14.0	MPa	ISO 8986-2
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	94.0	°C	ISO 306

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