



Malen E FGAN 18-D003

Polyethylene, Low Density

Product Description

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.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Methods	Blown Film, Extrusion Blow Molding, Injection Blow Molding
Features	Antioxidant, Durable, High Impact Resistance , Good Optical Properties, High Strength
Typical Customer Applications	Blow Moulding Applications, Film, Shrink Film

Typical Properties	Method	Value Unit
Physical		
Density (23 °C)	ISO 1183	0.918- g/cm ³ 0,921
Melt flow rate (190/2.16)	ISO 1133	0,20-0,35 g/10 min
Mechanical		
Tensile Strength at Break	ISO 8986-2	14 MPa
Thermal		
Vicat softening temperature	ISO 306	94 °C

Notes

Typical properties; not to be construed as specifications.

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- ┆ Equistar Chemicals, LP
- ┆ Basell Sales & Marketing Company B.V.
- ┆ Basell Asia Pacific Limited
- ┆ Basell International Trading FZE
- ┆ LyondellBasell Australia Pty Ltd

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Users should review the applicable Material Safety Data Sheet before handling the product.

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