

Green World Compounding
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Alfaten 1100 Black

Description

- Recycled low-density polyethylene (LDPE) in pellet form
- Suitable for extrusion and injection process
- Source:
 - Linear low-density polyethylene (LLDPE) black agricultural mulch film
- Composition:
 - 60-40% LLDPE + 40-60% LDPE
- Applications:
 - Agricultural, construction, industrial & silage films, bags, hoods & sacks, injection moulding, irrigation pipes, corrugated tubing, ...

Properties

	Method	Unit	Value Range
Density	UNE EN ISO 1183	g / cm ³	0,93 – 0,95
Apparent density	ISO 60	g / cm ³	0,55
MFI (190°C, 2'16kg)	ISO 1133	g / 10min	0,3 – 0,6
Tensile Strain at Break	ISO 521	MPa	> 22
Elongation at break	ISO 521	%	> 600
Humidity	ISO 787/2	%	≤ 0,1
Carbon black pigment	ISO 6954	%	6-7
Ash content	ISO 3451-1, A	%	< 3
Oxidation Induction Time (OIT)	UNE EN ISO 11357-6	Min	90
Color	Visual inspection	NA	Black

This information is offered in good faith and meant only as a guide. The transformer should take into account that it is a recycled material and subjected to some variations in their properties. Therefore, he is responsible for the processing conditions and the final use of the product.

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