

ELASTOFLEX[®] AW50

Plastic Additive



Inspiration of Technology

Descriptions

Elastoflex AW50 is a Anti Warpage Masterbatch. It is designed for improving the dimensional stability and reducing warpage of the olefin product. This material can be used in the semi crystalline polyolefin.

Typical properties

Resin Properties	Test Method	Unit	Value
Melt Flow Rate (190 °C/2.16kg)	ASTM D1238	g/10min	0.10
Melt Flow Rate (230 °C/2.16kg)	ASTM D1238	g/10min	0.30
Density	ASTM D792	g/cm ³	1.40

Mechanical Properties	Test Method	Unit	Value
Tensile strength	ASTM D638	MPa	20
Elongation at break	ASTM D638	%	15
Young's modulus	ASTM D638	MPa	2000
Flexural strength	ASTM D790	MPa	30
Flexural modulus	ASTM D790	MPa	2000
Impact strength	ASTM D256	kJ/m ²	5
Hardness	ASTM D2240	Shore D	54

Processing Information

General Processing Information: Elastoflex AW50 is supplied in pellet form, and added to the base resin at a level of 5 - 10 % by weight.

Processing Temperature: 190 - 230 °C

Drying Condition: 70 °C for 2 - 4 hours for better processing and quality

Storage and Keeping Condition

Please keep in dry, room temperature, do not expose sunlight, suitable air ventilation, away from fire, dust and moisture.

Product Data

The purpose of this document is only for technical support of the use of the product

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