



# ELASTOFLEX AW50 ANTI WARPAGE

**Elastoflex®AW50** Is a Anti warpage masterbatch. They is designed for improving the dimensional stability and reducing warpage of the olefin product. This material can be used in the semi crystalline polyolefin

## Elastoflex®AW50 Grades Provides

- Reduce percent shrinkage.
- Reduce warpage.
- Recommended dosage is 5-10 % wt.
- Provide excellent flexural modulus and shrinkage properties while maintain tensile strength

## Application

- Injection Parts such as Cap, Basket and Plastic Container.
- Extrusion and Thermoforming Parts such as Luggage Tray and Floor mat.

## PROPERTIES

Resin Properties	Test Method	Unit	Value
Melt Flow (190°C/2.16 kg)	ASTM D1238	g/10 min	0.10
Melt Flow (230°C/2.16 kg)	ASTM D1238	g/10 min	0.30
Density	ASTM D792	g/cm <sup>3</sup>	1.40
Hardness	ASTM D2240	Shore D	54
Flexural Modulus	ASTM D790	MPa	2,000

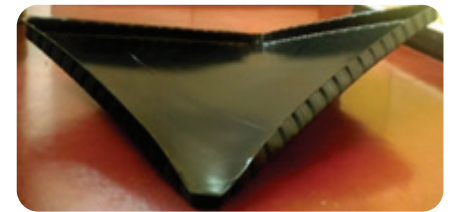


Fig 1: Finished product without AW50

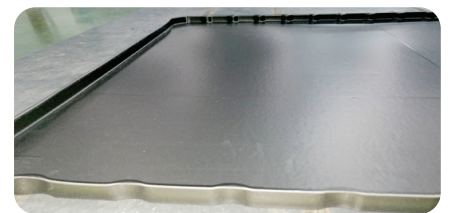


Fig 2: Finished product with AW50

