



ELASTOTECH AW50 ANTI WARPAGE



Elastotech® 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



Elastotech® 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 Floormat.

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 ³	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

