



Innovation Polymix

**PLASTIC
COMPOUND
MANUFACTURER**

ISO 9001
ISO 14001

ELASTOTECH[®] MA65 MOISTURE ABSORBENT



Elastotech[®] MA65 are moisture absorbent materials. They are designed for eliminating the moisture, bubbles and porosity in plastic product and improves product quality and productivity without impacting on mechanical properties. These materials can be widely used in the PE, PP, EVA etc.

Table 1 : Properties of Elastotech[®] MA65

Physical Properties	Test Method	Unit	Elastotech [®] MA65
Melt Flow Rate (190°C/21.6kg)	ASTM D1238	g / 10 min	7.0
Density	ASTM D792	g / cm ³	2.0
Processing	Injection molding Extrusion Blow molding Blown film		

Functional Performance

- ▶ Improve surface appearance
- ▶ Reduce silver streaks
- ▶ Easy processing, can be directly added into injection or extrusion machine by dry blending.
- ▶ Recommended dosage is 2-3 %wt

Fig 1 : Effect of properties on Elastotech[®] MA65 of finished product

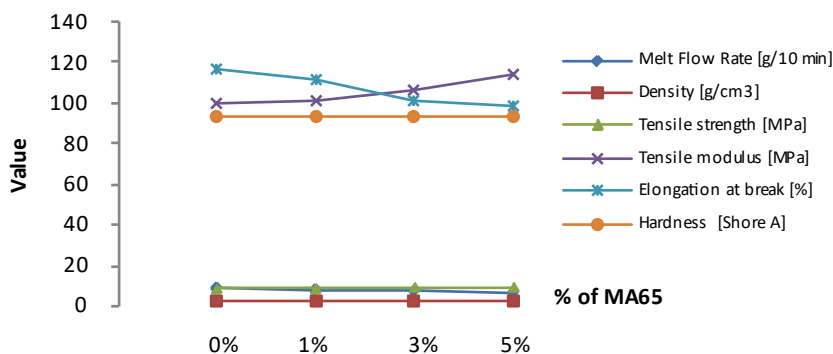


Fig 2 : Comparing silver streak of finished product with and without Elastotech[®] MA65 2%



Application

- ▶ High filler loading such as PP woven bag, Tray, PE bag and etc.
- ▶ High scrap and recycle loading such as garbage bag.

Fig 3 : Comparing extrusion sheet with and without Elastotech[®] MA65



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