



Innovation Polymix

**PLASTIC
COMPOUND
MANUFACTURER**

ISO 9001

ELASTOFLEX[®] MA65 AND MA65L MOISTURE ABSORBENT



Elastoflex[®] MA65 and MA65L 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 Elastoflex[®] MA65 and MA65L

Physical Properties	Test Method	Unit	Elastoflex [®] MA65	Elastoflex [®] MA65L
Melt Flow Rate (190°C/2.16kg)	ASTM D1238	g / 10 min	10	1.0
Density	ASTM D792	g / cm ³	1.60	1.70
Processing			Injection molding	<ul style="list-style-type: none"> • Extrusion • Blow molding • Blown film

Elastoflex[®] MA65 and MA65L grades are also provide :

- ▶ 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 : Comparing silver steak of finished product with and without Elastoflex[®] 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.

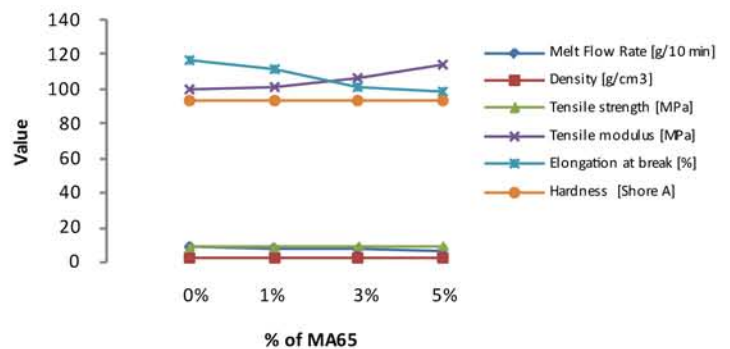


Fig 2 : Effect of properties on Elastoflex[®] MA65 of finished product



Fig 3 : Comparing silver steak of finished product with and without Elastoflex[®] MA65 2%

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