



Innovation Polymix

**PLASTIC
COMPOUND
MANUFACTURER**

ISO 9001



ELASTOFLEX® 0212F SUPER MASTERBATCH



Elastoflex® 0212F super masterbatch is processing aid which excellent compatible with polyolefin film, sheet and profile application. Elastoflex® 0212F provides production rate increase, productivity improvement, melt fracture elimination, extrusion pressure decrease, extrusion torque reduction, and elasticity and toughness improvement.

Table 1 : Properties of Elastoflex® 0212F

Physical Properties	Test Method	Unit	Value
Melt Flow Rate (190°C/2.16kg)	ASTM D1238	g / 10 min	1.50
Density	ASTM D792	g / cm ³	1.12
Tensile Strength at Break	ASTM D638	MPa	17
Elongation at Break	ASTM D638	%	> 800
Hardness	ASTM D2240	Shore D	34

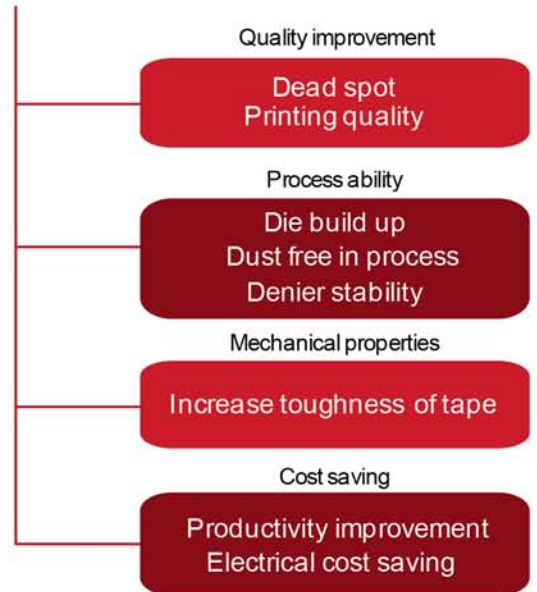
Elastoflex® 0212F provides :

- ▶ Eliminate melt fracture
- ▶ Increase output
- ▶ Reduce die deposit
- ▶ Low percent using : 2% wt

Process

- ▶ Reduce die pressure
- ▶ Reduce melt temperature
- ▶ Reduce maintenance time
- ▶ Reduce torque/amperage
- ▶ Reduce die gap

Application : PP woven bag



Final product

- ▶ Improve surface quality
- ▶ Improve film performance at equal thickness
- ▶ Reduce film thickness at equal film performance

