

MATRIX F1-G

Process Aid To Reduce Cooling Time in Injection Moulding

Overview:

Matrix F1-G is a multipolymer processing aid designed specifically to reduce cooling time in Injection Moulding Process. MATRIX F1-G is a polymeric organic / inorganic hybrid material that imparts the unique characteristics into the host polymer blend.

By adding Matrix F1-G processing aid, an injection moulder can reduce total cycle time by 10% or more. This is achieved by reducing the available cooling time in the injection moulding process. The additive does not affect the end part quality. It does not leach to surface and is safe for any post mould operations such as painting, coating or labeling.

Safe for use in food packaging applications. REACH & Migration Certification Available.

Typical Resins

Glass/Mineral Filled or Unfilled:

- PP or PE
- PA-6, PA-66
- Opaque PET, PBT
- ABS, PC or PC+ABS Alloys
- TPE or TPU
- Flexible or Rigid PVC

Productivity Improvements

- Reduce cooling times
- Increased production efficiency
- Lowers production cost
- Increases profits without capital expenditure
- No compromise on part property
- Energy savings in per part produced

Details	Value	Unit	Test Method
Form	Pellets	-	Visual
Colour	White to Off White	-	Visual
Specific Gravity	1.18	gm/cm ³	ASTM D1238
Ash Content	40	%	ASTM D5630
Moisture Content	<0.20	%	ASTM D690D

Suggested Usage: 1% to 2% Loading

Packing: 25 Kg bags. Custom packing in 500 kg or more big bags is available.

Availability : Singapore, Malaysia, India

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test, be responsible for its own specific use, further processing, labeling, marketing, etc.

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