



POLYETHYLENE

# ENHANCED FILLERS

SS-PE-0604

Lamipak Environment is glad to introduce to you our latest product, the Polyethylene Enhanced Fillers: SS-PE-0604. These innovative fillers can be applied to an extensive range of plastic production from injection/ blown moulding, extrusion to blow film/ co-extrusion film.

The SS-PE-0604 has the ability to reach an unprecedented 60% addition rate with minimal impact to strength and appearance. As a result of these qualities, a substantial decrease in material costs can be seen. Enhanced Fillers SS-PE-0604 is manufactured with German Technology and produced to European Standards.

Together, we can help save our environment by reducing plastic content in your products and replacing them with our enhanced fillers.



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## Advantages

- Reduce material costs
- Environmentally Friendly
- Improves extrusion output
- Minimal impact to strength and appearance
- Made with German Technology, and produced to European Standards
- Excellent Dispersion
- Safe for food packaging



## Properties

Appearance (Surface Colour)	: White
Additives	: Dispersion agent, processing aid, etc.
Addition Rate	: 10 - 60%
Density	: 1.2 g/cm <sup>3</sup>
Processing Temperature	: 160 - 280 °C
Pellet Size	: 3 x 3 (±0.3) mm
Packing	: 25 kgs per PP Bag (or 1100 kgs / Jumbo Bag)
Storage	: Keep in dry conditions

Items	Methods of experiment	Unit	Standard
Calcium Carbonate (CaCO <sub>3</sub> ) Content		wt.%	75 ± 1
Calcium Carbonate (CaCO <sub>3</sub> ) Particle Size		µm	3
Melt Mass-Flow Rate (190 °C/2.16kgs)	ASTM D 1238	g/10 min	2
Melt Temperature	DSC	°C	110
Moisture	ASTM D 570	wt.%	< 0.3