



PP Gold-UHF[®]

Ultra-High-Flow Filler Masterbatches for Non-Woven Fabrics

What are filler masterbatches?
 Filler masterbatches are mineral based compounds that partially replace expensive resins in many polyolefin-based applications such as woven fabrics, blown films, and spunbond non-woven fabrics. Fillers for such applications are usually compounded with fine calcium carbonate in a polypropylene (PP) or polyethylene (PE) base.
 Apart from reducing costs, fillers help by improving thermal stability, increasing output, and improving the properties of the final product.

How are PP Gold UHF[®] fillers different?
 Unlike conventional fillers used in woven fabrics and blown films, **PP Gold UHF[®]** fillers are especially compounded for non-woven fabrics in an Ultra-High-Flow polypropylene base with MFI exceeding 1,000 gms/10 mins, along with high performance elastomers and ultrafine calcium carbonate. As a result, our fillers allow for higher loading (e.g. 60% loading with 30 GSM fabric) with better elongation strength, bursting strength, and reduced choking and strand dropping.

Conventional Fillers	PP Gold UHF [®] Fillers
Lower Savings with only 20-25% loading	Higher Savings with upto 65% loading
Low MFI not suitable for spunbond non-woven fabric	High MFI matched for non-woven fabrics
Die build-up requires spinneret cleaning in 6-12 hours	24-hour Production Cycle without die cleaning
High Dropping Rate leading to wastage and uneven GSM	Low Dropping Rates resulting in consistent GSM and lower wastage
Low Elongation due to no elastomer content	Better Elongation due to high-performance VistaMaxx elastomer

LOADING



COST

MFI



DROPPING

OUTPUT



BUILD-UP



The MasterPlast Advantage

At MasterPlast, we use state-of-the-art technologies such as twin-screw compounding and gravimetric split feeding to manufacture every batch. Quality is assured by a stringent QC process for every batch. We are centrally located in Indore, Madhya Pradesh, enabling us to service your requirements quickly.

To request a quote for your plant, please contact:

MasterPlast

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