

# FilKan Masterbatches

**FilKan Masterbatches : Highly loaded filler masterbatches for woven sacks, non wovens, films, mouldings and thermoforming.**

**Opaque Fillers : Highly loaded CaCO<sub>3</sub> filler masterbatches for the woven sack industry.**

Grade Name	MFI (gm/10min)	Recommended Applications	Recommended Loading
Techno Blue	5 ± 3	HDPE & PP Woven Sacks	5 to 15% for > 700 denier (Blue tone filler)
Techno Blue Super	4 ± 2	HDPE & PP Woven Sacks	10 to 25% for > 600 denier (Blue tone filler)
Technofil A4	3 ± 2	HDPE Woven Sacks	10 to 15% for > 800 denier
Technofil A2	3 ± 2	HDPE & PP Woven Sacks	10 to 35% for > 600 denier at high line speeds. Offers good film smoothness.
Technofil A111	2 ± 1	HDPE & PP Woven Sacks	15 to 40% for > 600 denier at high line speeds. Offers good film smoothness & better strength.
Techno Eco PVN GP	< 2	PP Woven Sacks	5 to 10% for > 600 denier.
Techno Eco PVN	4 ± 2	PP Woven Sacks	10 to 20% for > 500 denier at high line speeds.
Technofil PVN Spl	< 2	PP Woven Sacks	10 to 40% for > 450 denier at high line speeds.
Technofil PVN Super	4 ± 2	PP Woven Sacks	10 to 50% for > 400 denier. Offers better elongation, strength, gloss & whiteness even at higher loadings.
Technofil PP Eco	< 2	PP Woven Sacks	10 to 20% for > 500 denier at high line speeds.
Technofil PP M	2 ± 1	PP Woven Sacks	15 to 30% for > 500 denier at high line speeds.
Technofil PP 1	3 ± 2	PP Woven Sacks	20 to 45% for > 500 denier at high line speeds. Designed for processing at higher stretch ratios and gives higher GPD.
Technofil PP Super	3 ± 2	PP Woven Sacks & Non Woven	20 to 50% for > 400 denier. Offers better elongation, strength, gloss and whiteness even at higher loadings. In Non Woven 5 to 20% > 40 GSM.
Technofil Yellow	> 5	HDPE & PP Woven Sacks	5 to 15% for > 700 denier
Technofil Orange	> 5	HDPE & PP Woven Sacks	5 to 15% for > 700 denier
Technofil Red	> 5	HDPE & PP Woven Sacks	5 to 15% for > 700 denier
Technofil Green	> 5	HDPE & PP Woven Sacks	5 to 15% for > 700 denier

**Opaque Fillers : Highly loaded CaCO<sub>3</sub> filler masterbatches for films, PP thermoforming and mouldings.**

Grade Name	MFI (gm/10min)	Recommended Applications	Recommended Loading
Techno Eco HM Spl	< 1	Blown Film & Mouldings	15 to 30% for > 25μ
Techno HM White	3 ± 2	Blown Film & Mouldings	20 to 35% for > 15μ
Techno Std SBS	6 ± 2	Blown Film & Mouldings	20 to 40% for > 15μ
Techno Std SBS-1	3 ± 2	Blown Film & Mouldings	20 to 50% for > 10μ. Offers better elongation, strength, gloss and whiteness
Techfil	3 ± 2	Blown Film & Mouldings	30 to 60% for > 10μ. Offers excellent strength and tear properties
Techno Form - PS	4 ± 2	Thermoforming PS/HIPS	5 to 10% in PS/HIPS
Techno White Lam	< 1	Extrusion Lamination	10 to 20% in extrusion lamination for > 20μ

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**Transparent Fillers : Highly loaded talc based masterbatches for PE films, woven sacks and thermoforming.**

Grade Name	MFI (gm/10min)	Recommended Applications	Recommended Loading
Trans GP	< 1	Extrusion lamination and HDPE/PP Woven Sacks	10 to 20% in extrusion lamination and 5 to 10% in woven sacks
Trans	< 1	Extrusion lamination and HDPE/PP Woven Sacks	25 to 40% in extrusion lamination and 5 to 15% in woven sacks
Trans P	< 1	HDPE/PP Woven Sacks, Extrusion lamination & Films	Talc based filler with superior transparency and can be used upto 50%
Trans PVN	< 1	Extrusion lamination and HDPE/PP Woven Sacks	35 to 45% in extrusion lamination and 5 to 15% in woven sacks even at lower deniers
Trans Tp Ld	< 1	Blown Film and Injection Moulding	10 to 40% for LD/HD Films > 15μ
Trans Tp Hm	< 1	Blown Film and Injection Moulding	10 to 40% for HM/HDPE Films > 15μ

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