

POLYBLEND PRODUCTS

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Products: Masterbatches

Filler	Polymer	Filling Level	Typical Application
Chalk (CaCO ₃)	PP-Copo	Up to 80%	Injection Molding, Extrusion
	PP-Copo	Up to 70%	Extrusion: Breathable film, cast film, blow film
	PP-Homo	Up to 80%	Injection Molding, Extrusion
	PP-Homo	Up to 70%	Extrusion: Breathable film, cast film, blow film
	PE-LD	Up to 80%	Injection Molding, Extrusion
	PE-LLD	Up to 85%	Injection Molding, Extrusion
	PE-LLD	Up to 70%	Extrusion: Breathable film, cast film, blow film
	PE-HD	Up to 65%	Injection Molding, Extrusion

Filler	Polymer	Filling Level	Typical Application
Talc	PP-Copo	Up to 75%	Injection Molding, Extrusion
	PP-Homo	Up to 75%	Injection Molding, Extrusion
	PE-LD	Up to 75%	Injection Molding, Extrusion
	PE-LLD	Up to 75%	Injection Molding, Extrusion
	PP-HD	Up to 60%	Injection Molding, Extrusion

Other fillers (Wollastonite, Mica, BaSO₄) are also possible, the maximum filler content depends on the combination of filler and carrier polymer. We also offer trials on our sampling line.

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Products: Flame retardant halogen-free PP-compounds

Description	FR-System	Color	MFR (g / 10 min)	UL 94 (3.2 mm)	UL 94 (1.6 mm)
Unfilled	P / N flame retardants	Nature	8.7	V 0	V 0
		Black	8.4	V 0	V 0
		Nature	26.9	V 0	V 0
		Black	20.0	V 0	V 0
	MDH	Black	27.1	V 0	Not V2
	Expandable graphite	Graphite	10.4	V 0	Not V2
		Graphite	26.6	V 0	Not V2
10 % GF filled*	P / N flame retardants	Nature	6.7	V 0	V 2
		Black	5.0	V 0	V 0
		Nature	30.3	V 0	V 0
		Black	20.4	V 0	V 0
30 % GF filled*	P / N flame retardants	Nature	5.32	V 0	V 0
		Black	3.55	V 0	V 0
		Nature	14.55	V 0	V 0
		Black	13.17	V 0	V 0

Materials have been produced only on lab line. Testing of burning properties has only been performed at internal lab, not a UL certified lab. *Currently not for industrial production.