

# Injection molding masterbatch grade slate

Optimize your injection molding process with LYB high-performance masterbatch solutions, delivering enhanced functionality and superior material consistency.



## Polybatch whites

Polybatch grade	Loading	TiO2 type	Carrier resin	Additional comments
LL 8000	70%	Non-durable	LLDPE	General purpose highly filled PE white
LL 8350	50%	Non-durable	LLDPE	General purpose highly filled PE white
LL 8425	70%	Non-durable	LLDPE	DMF grade for pill bottles
P8555	55%	Non-durable	hPP	General purpose highly filled PP white
P8700	70%	Non-durable	hPP	General purpose highly filled PP white
P8797 CL	70%	Durable	hPP	Higher flow PP semi-durable white

## Mold release

Polybatch grade	Loading	Additive type	Carrier resin	Additional comments
CE 107 E	5%	Erucamide	LLDPE	High purity erucamide for use in PE applications
IL 3558 LD	25%	Super slip	LDPE	Non-migratory in PE; surface not printable
SPER 6	6%	Erucamide	hPP	High purity erucamide for use in PP applications
IL 2580 SC	10%	Super slip	rCP	Non-migratory in PP; surface not printable

## Antioxidants

Polybatch grade	Loading	Additive type	Carrier resin	Additional comments
AO 710	5%	Primary/secondary	LLDPE	General purpose resin stabilizer, for regrind and high melt temperature applications
PAO 3360	6%	Primary/secondary	hPP	General purpose antioxidant masterbatch for improving oxidation resistance during processing

## UV stabilizers

Polybatch grade	Loading	Additive type	Carrier resin	Additional comments
UVR 610	10%	HALS	LLDPE	General purpose PE based
UVR 110 DC	20%	HALS blend	LLDPE	Gas fade resistant grade
CPUV 130 SP	20%	HALS	hPP	PP based with increased discoloration resistance

## Antistatics

Polybatch grade	Loading	Additive type	Carrier resin	Additional comments
VLA 88T	10%	GMS	LLDPE	Migratory, designed to provide immediate, short term anti-static performance in PE
ASB 20G	20%	GMS	hPP	Migratory, designed to provide immediate, short term anti-static performance in PP

## Antimicrobials

Polybatch grade	Loading	Additive type	Carrier resin	Additional comments
ABACT 420 L	20%	Silver ion	LLDPE	Silver ion antibacterial for PE applications
AMIC 502	Proprietary	Organic	LLDPE	Organic antibacterial and antifungal
ABACT 421 P	20%	Silver ion	hPP	Silver ion antibacterial for PP applications

## Nucleating agents & clarifying agents

Polybatch grade	Loading	Additive type	Carrier resin	Additional comments
NA 9525	6%	High performance nucleator	hPP	High performance nucleating agent offering improved clarification of hPP and to lesser degree in rCP
HPN 1414	4%	High performance nucleator	hPP	High performance nucleating agent for molding and thicker sheet applications, more overall shrinkage but uniform
NA 9822	4%	High performance nucleator	hPP	High performance nucleating agent for film or thick section
CLR 202 SC	20%	Clarifier	rCP	Clarifying agent for hPP and rCP; provides lowest achievable haze

## Mineral filled

Polybatch grade	Loading	Additive type	Carrier resin	Additional comments
FTA 360 T	60%	Talc	LLDPE	Providing stiffness improvement in PE
PFT 50 T	50%	Talc	hPP	Providing stiffness improvement in PP

## Purge

Polybatch grade	Loading	Additive type	Carrier resin	Additional comments
KC 30	50%	Inorganic	LLDPE	PE based cleaning and purge compound suitable for PE, EVA, PP
Purfict Purge	80%	Proprietary	hPP	Polyolefin based cleaning and purging compound suitable for PE, PP, PS, PVC, PA, PP/ABS alloy

## Polybatch foaming agents

Polybatch grade	Loading	Additive type	Carrier resin	Additional comments
U 0294 L	20%	Endothermic	LLDPE	Designed for PE/PP to reduce part density and eliminate sink marks providing a small uniform cell structure
P2635-08AA	Proprietary	Endothermic	hPP	Designed in hPP to reduce part density and eliminate sink marks with very little splay
P2635-96AA	Proprietary	Endothermic	ICP	Designed in impact CoPP to reduce part density and eliminate sink marks with very little splay
P5000-08AA	Proprietary	Endothermic	hPP	Designed in hPP to reduce part density and eliminate sink marks with very little splay

## Polyblak

Polyblak grade	Loading	Additive type	Carrier resin	Additional comments
Polyblak L3123	50%	Large	LDPE	General purpose PE based black
Polyblak 3422	35%	Small	LLDPE	Excellent outdoor UV stability for injection, blow molding, extrusion thermoforming
Polyblak 4692	35%	Med/small	LLDPE	For use in pressure pipe applications
Polyblak 4651 SF	50%	Large	EVA	Stearate free EVA black for injection molding and extrusion applications
Polyblak 3225	50%	Large	hPP	General use in PP injection molding

# About us

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