

VOC Removal Masterbatches LDV 1035T

Product Profile

LDV 1035T is highly effective deodorant based on porous Polypropylene material with high loading of active substance. It is highly odor absorber for thermoplastics (particularly for PP, PE and TPE) to reduce odor and VOC emissions in compounds.

Specification

Item	Unit	Value
Appearance		white granule
Active Ingredient Content	%	≥60
Pellet Size	mm	2-4

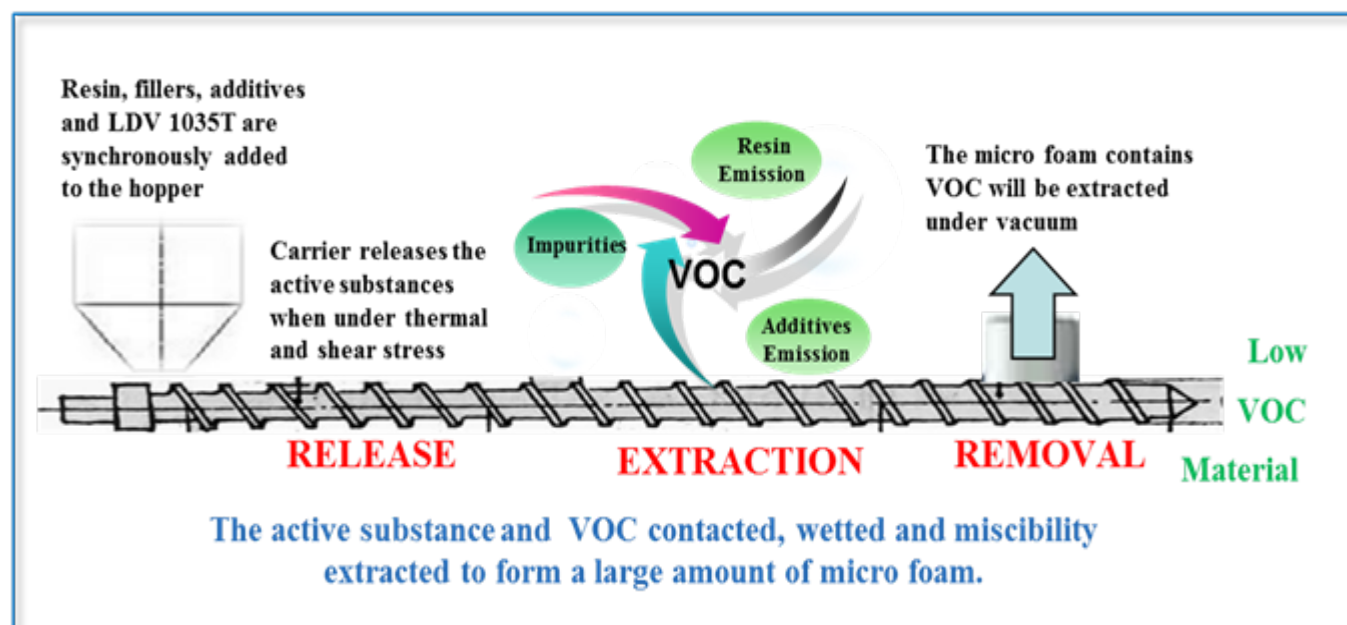
Feature

No additional equipment needed, facilities with traditional techniques, easy handle, free flowing.

No drop on the mechanical and optical properties of compounds.

Non-toxic, odorless, permanent effect.

Mechanism



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Application

Compounded Polyolefin and thermoplastic elastomer (TPE, TPV).

Recommended Dosage

0.5-2%.

Application case

LDV 1035T applied in PP +Talc20

LDV 1035T	Screw speed (rpm)	Vacuum (MPa)	PV 3900	PV3341 ($\mu\text{gC/g}$)	PV3015 (mg)
blank	250	0.078	4.5	57	1.2
1.5%	250	0.078	3.5	40	0.34
2%	250	0.078	3.0	28	0.3
2%	250	0.1	3.0	19	0.34

Conclusion: LDV 1035T effectively and permanently remove a wide range of hydrocarbon, solvent, toxic, odor, and improve haze of compound.

Processing Instructions

1. The automatic exhaust should be kept closed and making vacuum at end of extrusion process is preferred. A vacuum below 0.08 MPa is recommended.
2. The former two areas of the screw are recommended to operate lower than 70°C.

Package & Storage

20kg/carton. The product can be stored in sealed original package at room temperature.

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