

Deodorant Masterbatch LDV 1035T

Product Profile

Processing additive for thermoplastics (particularly PP and TPV) to reduce odor and VOC emissions in the end product.

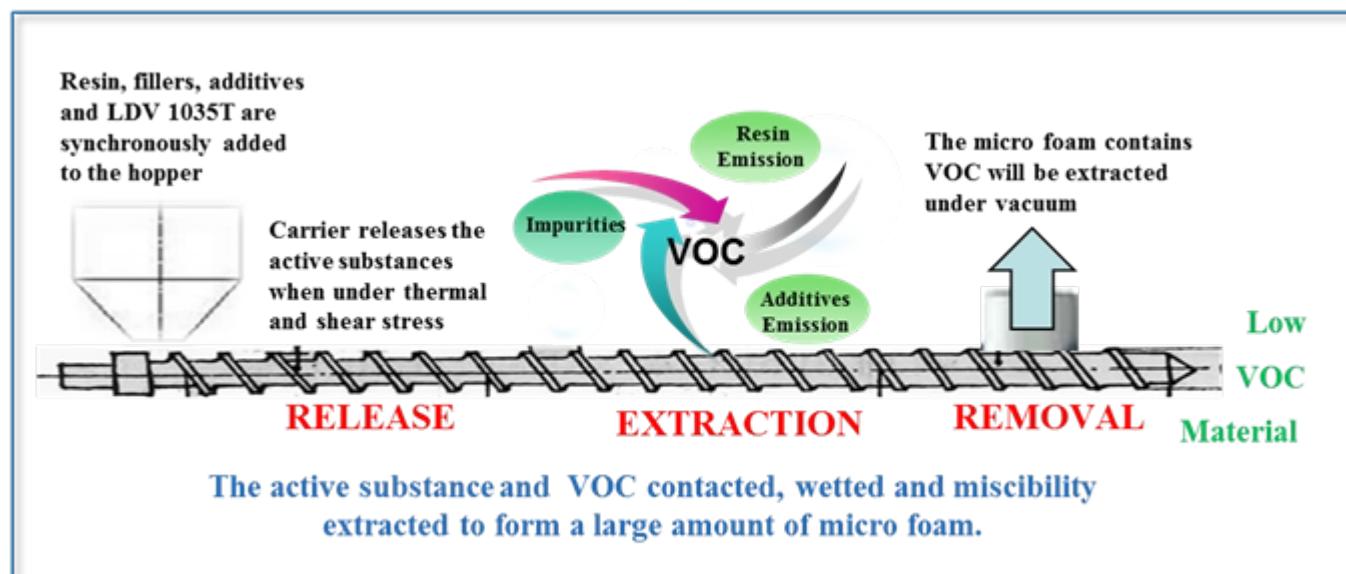
Specification

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

Feature

1. No additional equipment investment and match with traditional techniques.
2. No negative influence on the mechanical and optical properties of the compound.
3. Reduce odor and emissions from the source.

Mechanism



Application

PP and thermoplastic elastomer (TPE, TPV).

Recommended Dosage

0.5-2%.

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Application case

LDV1035T applied in PP +Talc20

LDV 1035T	Screw speed (rpm)	Vacuum (MPa)	PV 3900	PV3341 ($\mu\text{gC/g}$)	PV3015 (mg)
0	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 can improve the smell, total carbon, fog degree of formula system.

Notes

1. The exhaust port under a vacuum should be close to the end of the screw, while the rest of the screw system should be well sealed. A vacuum above 0.08MPa is suggested.
2. The former two areas of the screw should blow 70°C.

Package & Storage

20kg/carton, transported as common industrial goods. Avoid high temperature and sunshine.