

Technical Data Sheet

Topadd® TF-101/102/100/200/530

Description

PVC foaming regulators developed by our company and have all characteristics of acrylic processing aids. The only difference between them is that the molecular weight of foaming regulators is much more higher than that of acrylic processing aid.

According to the different applications,our PVC foaming regulator has been divided into four groups

- 0 ~ 8mm thin foaming board & shoes : TF-530 , TF-869
- 8 ~ 15mm foaming board : TF-101 , TF-100
- More than 15mm foaming board : TF-100 , TF-102
- Wood-PVC board: TF-200

Function and advantage

- promote the fusion of PVC compound.
- increase the melt strength of PVC so as to prevent from bubble amalgamation for obtaining even foaming products.
- ensure perfect flow of PVC melt for obtaining smooth surface of PVC finished products.

Technical specifications:

Items	Unit	Test method	TF-869	TF-530	TF-200	TF-100	TF-101	TF-102
Appearance	--	--	White powder					
Bulk Density	g/cm ³	GB/T 1636-2008	0.45 ± 0.05					
Sieve residue (30mesh)	%	GB/T 2916	<2.0					
Volatile content	%	ASTM D5668	<1.5					
Intrinsic viscosity	η	GB/T 1843-2008	12.5	13.5	14.5	15.5	15.5	15.5

Performance comparison list for different PVC foaming regulators:

Performance comparison					
Grade	Melt Strength	Grade	Fusion Time	Grade	Molecular Weight
TF-102	High	TF-869	Fast	TF-869	High
TF-100	↑ ↓	TF-530	↑ ↓	TF-530	↑ ↓
TF-101		TF-200		TF-102	
TF-200		TF-101		TF-100	
TF-530		TF-100		TF-101	
TF-869		TF-102		TF-200	
		Low			

Applications:

Foaming regulators are mainly used to produce foaming products, such as PVC foaming board, wood-plastic foaming board, foaming sole, etc. The recommended dosage is 7-15 kg per 100 kg PVC Resin . Foaming regulators can also be used as a general processing aid , the recommended dosage is 0.5-1.0 kg per 100 kg PVC resin .



Package and Storage

25kg PP woven bag with PE liner or 20kg paper bag with PE liner

Should be stored in dry and ventilated storeroom. This product is non-dangerous.

For other operations, please refer to SDS instructions provided by the manufacturer.

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