Michigan Additive TECHNOLOGIES

1760 E Erie Road
Erie, Michigan 48133 USA
MATadditives.com

FLAME DEFENSE SERIES

FD313S

The FD313S reactive synergist blend has been specifically formulated to serve as a 100% replacement of Antimony Trioxide in mid-range PVC compounds. It is especially effective in coated fabric applications.

This product has also been shown to have efficacy in other polymer types where the primary flame retardant is halogen based.

Typical Physical Properties

Color	**white to off-white**
Specific Gravity	**3.64**
Median Particle Size	**2-3 µm**
Decomposition Temperature	**>550°F (>290°C)**

Formulation Ingredient	Control ATO	FD313S
PVC	100	100
Plasticizer	45	45
Ca-Zn Stabilizer	3.5	3.5
Stearic Acid	0.5	0.5
ATH	30	30
CaCO3	30	30
ATO	3	0
FD313S Synergist	0	3
LOI	**32.0**	**33.0**

Contact MAT
Technical Support: Veronica.Livingstone@MATadditives.com
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Health and Safety: Refer to the Safety Data Sheet
Packaging: 50 lb. plastic bags, 2500 lb. pallet weight

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