

# VOC EMISSION DECLARATION

## APPLICABLE TO MOLDED POLYSTYRENE PRODUCTS

Atlas Molded Products is committed to sustainability and to providing transparent information to users of our products. Molded polystyrene does not contain formaldehyde, which drove much of the original concerns over fiberglass and wood products and led to greater public awareness of Volatile Organic Content (VOC) of building materials. This VOC Emission Declaration is being provided to summarize VOC emissions from molded polystyrene foam produced by Atlas Molded Products with respect to GreenGuard standard requirements.

Testing of molded polystyrene (2 lbs/ft<sup>3</sup>) was completed by UL Environment using California Department of Public Health (CDPH) Standard Method V1.1 "Standard Method for Testing and Evaluation of VOC Emissions". The data was modeled to the standard GreenGuard office and classroom exposure parameters.

EMISSION	GREENGUARD GOLD REQUIREMENTS	OFFICE SCENARIO		CLASSROOM SCENARIO	
		Predicted	Meet Criteria?	Predicted	Meet Criteria?
TVOC (mg/m <sup>3</sup> )	≤ 0.22	0.038	YES	0.012	YES
Formaldehyde (ppm)	≤ 0.0073	0.0017	YES	0.001	YES
Total Aldehydes (ppm)	≤ 0.043	0.006	YES	0.002	YES

The VOC emissions from Atlas Molded Products' molded polystyrene meets the GreenGuard Gold requirements for both office and classroom scenarios.

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