

HDPE NFPA 286 RESULTS

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NFPA 286 CRITERIA TEST RESULTS

Global Partitions' Solid Plastic (HDPE) partition and urinal screen material was tested by one of three accredited laboratories capable of conducting testing in accordance with the 2011 National Fire Protection Association (NFPA) 286 *Standard Methods of Fire Test for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth*. The test method is intended for evaluation of the flammability characteristics of wall and ceiling interior finishes and determines how much a material will contribute to a fire by measuring the amount of heat and smoke released, along with the combustion product released. Based on the test performed, the results, which are shown in the chart below, Global Partitions' Solid Plastic sheet meets the standard acceptance criteria as listed in Annex C of NFPA 286 and used by NFPA 101 *Life Safety Code*, NFPA 5000 *Building Construction and Safety Code*, the *International Building Code*, and the *International Fire Code*.

PARAMETER	NFPA 286 CRITERIA	TEST RESULT
Flame Spread during the 40 kW exposure	Flame shall not spread to the ceiling	Pass
Flame Spread throughout the test	Flame shall not spread to the outer extremity of the sample on any wall or ceiling	Pass
Flashover throughout the test	Shall not occur	Pass
Peak Heat Release Rate throughout the test	Rate shall not exceed 800 kW	Pass
Total Smoke Released throughout the test	Release shall not exceed 1,000 m ²	Pass

Sincerely,

Kyle Larson
 Director of Sales