

# NP504 - Additional Data Sheet for NFPA 130

## NFPA 130 Table 8.4.1 Category - Other Vehicle Components

Norplex-Micarta NP504 has been tested and meets the following performance requirements of NFPA 130 Table 8.4.1, Category, Other Vehicle Components.

Test Method	NP504 Test Results
ASTM E162	Average $I_s = 2.41$
ASTM E662	$D_s$ (1.5), non-flaming = 0.0
	$D_s$ (1.5), flaming = 0.0
	$D_s$ (4.0), non-flaming = 0.0
	$D_s$ (4.0), flaming = 0.8

Note:

$D_s$  (1.5) = Specific optical smoke density at 1.5 minutes

$D_s$  (4.0) = specific optical smoke density at 4.0 minutes

$I_s$  = flame spread index

Category	Function of Material	Test Method	Test Requirement	Conclusion
Other Vehicle Components	Seat and mattress frames, wall and ceiling lining and panels, seat and toilet shrouds, toilet seats, trays and other tables, partitions, shelves, opaque windscreens, combustible signage, end caps, roof housings, articulation bellows, exterior shells, non-metallic skirts, battery case material and component boxes and covers.	ASTM E162	$I_s \leq 35$	Pass
		ASTM E662	$D_s$ (1.5) $\leq 100$ $D_s$ (4.0) $\leq 200$	Pass
	Thermal and acoustical insulation	ASTM E162	$I_s \leq 25$	Pass
		ASTM E662	$D_s$ (4.0) $\leq 100$	Pass
	HVAC ducting	ASTM E162	$I_s \leq 25$	Pass
		ASTM E662	$D_s$ (4.0) $\leq 100$	Pass
	Light diffusers, windows, and transparent plastic windscreens	ASTM E162	$I_s \leq 100$	Pass
		ASTM E662	$D_s$ (1.5) $\leq 100$ $D_s$ (4.0) $\leq 200$	Pass
	Adhesives and sealants	ASTM E162	$I_s \leq 35$	Pass
		ASTM E662	$D_s$ (1.5) $\leq 100$ $D_s$ (4.0) $\leq 200$	Pass

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To assure the material's performance is adequate for a specific application; customers should verify, independent of Norplex-Micarta, performance characteristics of interest.

It is the responsibility of the users of this information to make sure that they have the latest version of this additional test data and TDB, and are urged to check with Customer Service or, preferably our web site, [www.norplex-micarta.com](http://www.norplex-micarta.com), to determine if information is most current available.

Specification writers: Contact Norplex-Micarta for specification values before submission.