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MATERIAL PROPERTY TEST

TEST DATE: March 2, 2005 TEST PROCEDURE: US Coast Guard Std. CGD 75-168, Part 183.114

MATERIAL TYPE: Expanded Polyethylene Foam; ARPAK EPE 4300 Series White

TEST PERFORMED BY: Ghesquiere Plastic Testing, Harper Woods, MI, USA (A2LA Cert. 79-01)

PRODUCT TYPE: ARPAK EPE 4310

PROPERTY/TEST	(MIN) PRINT SPECIFICATION	SPECIMEN RESULTS	TEST METHOD
Density, g/l or kg/m^3			ASTM D3575
MIN (16 g/l ±10%)	14.4	17.2	
Gasoline Immersion[1]			CGD 75-168, Part 183.114
%, MAX (Loss in Buoyancy)			Fuel B per ASTM D471
24 Hours	5.0	2.9	
30 Days	5.0	4.1	
Oil Immersion[1]			CGD 75-168, Part 183.114
%, MAX (Loss in Buoyancy)			Oil per IRM 902
24 Hours	5.0	0.8	
30 Days	5.0	1.7	
Bilge Cleaner Immersion[1]			CGD 75-168, Part 183.114
%, MAX (Loss in Buoyancy)			Bilge Cleaner = 5% TSP/$H_2$0 Sol.
24 Hours	5.0	0.9	
30 Days	5.0	1.2	
Gasoline Vapor Immersion[2]			CGD 75-168, Part 183.114
%, MAX (Loss in Buoyancy)			Fuel B (vapor) per ASTM D471
30 Days	5.0	0.4	

Notes: [1]Tested at 23°C
[2]Tested at 38°C

This certifies that the above material meets the requirements of the United States Coast Guard Floatation Specification CGD 75-168, Part 183.114 for Gasoline Immersion, Oil Immersion, Bilge Cleaner Immersion, and Gasoline Vapor Immersion.

Steven R. Sopher
Technical Director
JSP International

07 March 2005
Date