



EMSL ANALYTICAL, INC.

Standard(s) /
Certification Basis : **AWWA C222-08** Polyurethane Coatings for the
Interior and Exterior of Steel Water Pipe and Fittings

Manufacturer : **Petrochemcoat, INC.**

N	Test Items	Standard	Unit	Result
1	Appearance of water:	BS 6920-5		Pass
	- Color changes	2120B St. M.	Hazen	N.D.
	- Turbidity changes	2130B St. M.	NTU	N.D.
2	Growth of aquatic Micro - organisms:	BS 6920-6		2
	- MDOD (3DO)	4500-O St. M	-	
3	Extraction of metals:	BS 6920-8	-	
	- Al	3111 St.M,AAS manual	µg/l	<200
	- Sb	3111 St.M,AAS manual	µg/l	<10
	- Ba	3111 St.M,AAS manual	µg/l	<1000
	- Cd	3111 St.M,AAS manual	µg/l	<5
	- Cr	3111 St.M,AAS manual	µg/l	<50
	- Fe	3111 St.M,AAS manual	µg/l	<50
	- Pb	3111 St.M,AAS manual	µg/l	<50
	- Mn	3111 St.M,AAS manual	µg/l	<50
	- Ni	3111 St.M,AAS manual	µg/l	<50
	- Ag	3111 St.M,AAS manual	µg/l	<10
- As	Photo method	µg/l	<50	
4	Chemical resistance	ASTM C541		Pass
5	Sea water immersion	BS 3416		Pass
6	Chlorinated water immersion	BS 6920	0.3-0.7mg/l	Pass
			Cl ₂	
7	Water extractables	AWWA	mg/mm ²	0.0003

Certificate of Conformity is issued on a voluntary basis according to AWWA C222-08.

Sponsored by:

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