

PRODUCT CODE: C260031/C260032

POLYPLEX® 6450PA is a halogenated resin incorporating an antimony synergist, and is designed for spray or hand lay-up laminating applications, where a reduced fire-hazard laminate is required. The resin is pre-promoted and has been formulated for use with MEKP initiators such as Norox 925H or Curox M100.

PERFORMANCE CHARACTERISTICS

- Formulated to give a reduced fire hazard laminate
- Fast wet-out and easy to roll out
- Low surface tack
- Pre-promoted, waxed and thixotropic
- Blue colour-change to confirm catalyst addition

TYPICAL LIQUID RESIN PROPERTIES

	POLYPLEX® 6450	
	PAS	PAW
Liquid Resin		
Gel Time at 25°C, 2% Norox 925H (minutes)	55 – 65	30 - 40
Brookfield viscosity @ 25°C, Spindle 2/3 rpm (cP)	3000 – 5000	3000 - 5000
Specific Gravity @ 25°C	1.11	
Styrene Content	40 – 44% w/w	
Stability in Dark		
@ 20°C (months)	3	
@ 80°C (days)	1	

STORAGE AND HANDLING

To ensure maximum stability and maintain optimum resin handling properties, polyester resins should be stored in closed containers, away from heat sources and sunlight. The resin should be stored away from all sources of ignition. Stored resin quantities should be kept to a reasonable minimum and used on a first in/first out stock rotation basis. Prolonged storage, or unfavourable storing conditions, may cause separation, therefore agitation of the resin before use is recommended.

STANDARD PACKAGING

Mild steel drums (225kg)

Always refers to the MSDS before use

FIRE PERFORMANCE

Based on in-house laboratory tests, properly constructed, fully cured laminates based on Aropol 6450PA are expected to achieve a fire rating of UL94-HB when tested the according to UL 94 - Part 7.

AS1530.3-1999 Fire Test Properties	
Ignitability Index	14
Spread of Flame Index	9
Heat Evolved Index	10
Smoke Developed Index	9