

AROPOL™ LP 67400 Series

Low Profile Resin

Aropol™ LP 67400 series resins deliver Class A automotive surface profiles in closed molding applications using INEOS Composites' low-profile technology. Aropol™ LP 67400 resin offers room temperature processing, outstanding mechanical properties, lower exotherms, and superior storage stability as compared to traditional low-profile resins. This resin also has exceptional shrinkage control and dimensional stability over a wide variety of part thicknesses.

Applications and Use

Aropol™ LP 67400 INF resin is recommended for applications where industry leading, Class A automotive, "glasslike," surface profiles are desired. This resin is designed to be used in room temperature, closed molding applications (such as infusion, RTM-Light, and press-molding). Ideal uses for this product are for above the water line marine and pontoon small parts, as well as RV parts.

Benefits:

- Exceptional Cosmetics
- Enhanced Physical Properties
 - Flexural Strength
 - Tensile Elongation
- More Robust Processing Capability
 - Reduced exotherm allows for thicker parts

| Properties | Units | Aropol™ NLN 71500 | Aropol™ LP 67400 |
|-------------------|-------|-------------------|------------------|
| Tensile Strength | psi | 30,500 | 31,000 |
| Tensile Modulus | ksi | 1,860 | 1,930 |
| Elongation | % | 2.1 | 2.2 |
| Flexural Strength | psi | 41,400 | 47,300 |
| Flexural Modulus | ksi | 1,850 | 1,810 |

Innovation and Collaboration to Grow the Recreational Market

INEOS has designed a complete line of premium gelcoats, epoxy vinyl ester resins, unsaturated polyester resins, low profile resins, fuel tank resins and barrier coats suitable for all Marine and RV applications. Combined with INEOS' manufacturing expertise, product development and technical service, INEOS will help you optimize your manufacturing capabilities and be more profitable.

INEOS' technical service team has an industry-leading reputation for solving problems. We work closely with our customers to understand specific application challenges and recommend the best product to meet business objectives. Whether focused on product design, process optimization or new product development, INEOS prides itself on building partnerships that lead to innovative solutions. Visit ineos.com/composites to learn more.

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