

PDR 9000

Description: SprayCore[®] PDR 9000 is a strong lightweight (9 lbs/gal.) polyester adhesive filler that is used to bond fiberglass parts. MEKP catalyst is not included

Item Number 103104 PDR 9000 slow drum lined

Item Number 103130 PDR 9000 slow 5-gal pail

Item Number 103109 PDR 9000 fast drum lined

FEATURES & BENEFITS

- 2 Gel time formulations
- Smooth texture for easy spreading without tearing
- High build very ridged formulas
- Low shrink and exotherm
- Excellent adhesion properties
- High thix properties
- Speeds up production
- Helps increase mold life
- Application friendly formula fitting most lamination processes

TYPICAL MATERIAL PROPERTIES

Appearance	Packaging	Application Method	Styrene
White	Drums / Pails	Pumpable & Hand Applied	20%
Mix ratio	Preferred red dyed Catalyst	Preferred red dyed Catalyst	Gel Time Range*, min.
1.5 % MEKP	Fast Slow	DDM-9 MEKP-925 DDM-30 (Summer only)	40 - 50 80 – 105
Gel to Peak Range, min.	Peak Exo. Temp. (100 gm) °F / °C	Density Range, lb/gal	Viscosity Range, cP (RVTT-E@5 rpm)
10 – 25 25 – 30	180-250 / (162-190) 150-225 / (162-190)	8.79 – 9.50	850,000 – 1,000,000

Note: Testing performed at 77F / 25C

EFFECT OF TEMPERATURE:

Application at temperatures between 65°F (18°C) and 95°F (35°C) will ensure proper cure, ideally above 75°F. Temperatures below 65°F (18°C) or above 95°F (35°C) will slow down or increase cure rate significantly. To ensure consistent dispensing between equipment, resin and catalyst, temperatures should be held reasonably constant throughout the year. Resin in cured state behaves differently at elevated and low temperatures. See ITW Performance Polymers for specific values.

STORAGE AND SHELF LIFE:

Expected Shelf life of 6 months, where shelf life is based on continuous storage between 54°F (12°C) and 95°F (35°C). Prolonged exposure above 95°F (35°C) quickly diminishes the reactivity of the product and should be avoided.

PRODUCT USE:

Many factors beyond ITWPP's control and uniquely within user's knowledge and control can affect the use and performance of an ITWPP product in an application. Given the variety of factors that can affect the use and performance of our products, the user is solely responsible for evaluating the ITWPP product and determining whether it is fit for a particular purpose and suitable for the user's method of application. ITWPP recommends the User review all Safety Data Sheets, Technical Data Sheets and ITWPP's warranty and limited liabilities prior to use. These can be found at www.itwpp.com

Notes

1. **ITW PP strongly recommends that all substrates be tested with the selected laminate in the anticipated service conditions to determine suitability.**
2. **Industrial Use Only**

DISCLAIMERS:

TECHNICAL INFORMATION: The technical information in, recommendations and other statements contained in this document are based upon good faith tests or experience that ITWPP believes are reliable, but the accuracy or completeness of such information is not guaranteed. The information provided is not intended to substitute for the customers own testing.

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SprayCore[®]

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