

Clear Cote™ TECHNO-COTE™

Epoxy; Epoxide

Club Kit, Inc.

Описание материалов:

TECHNO-COTE™ by CLEAR COTE™ is a 3 Speed (2 to 1, by volume/weight) high quality, laminating system. It is 100% Epoxy solids. It is designed for the rapid wet out of fiberglass, Kevlar, carbon fiber and other composite materials. This system can be purchased with any one of 3 different Activators depending up on the desired cure speed and pot life.

The material has an easy to use 2 to 1 mix ratio (2 Parts resin to 1 Part Activator, by volume/weight) that cures at room temperature with little to no blush to a tough, rigid, impact resistant plastic, with excellent resistance to water, chemicals, and solvents. This material is suitable for use in mechanical volume pumps, always mix these materials thoroughly and be sure to scrape the sides and bottom.

As with all adhesive type compounds proper surface preparation is essential for good bond strength, additionally recoating of this material should be accomplished before the material is thoroughly cured generally in less then 24 hours. If the material has cured hard and tack free, a sanding and solvent wash will be necessary before recoating.

| Главная Информация | | |
|-----------------------|------------------------------|-------------------|
| Характеристики | Bondability | |
| | Хорошая адгезия | |
| | Хорошая химическая стойкость | |
| | Хорошая ударпрочность | |
| | Хорошая прочность | |
| | Хорошая прочность | |
| | Низкое поглощение воды | |
| | Средняя жесткость | |
| | Устойчивость к растворителям | |
| Используется | Клеи | |
| | Склеивание | |
| | Ламинаты | |
| | Детали Насоса | |
| Внешний вид | Прозрачный/прозрачный | |
| Тепловой | Номинальное значение | Единица измерения |
| Heat Distortion | | |
| -- 1 | 54 | °C |
| -- 2 | 52 | °C |
| -- 3 | 57 | °C |
| Operating Temperature | | |
| -- 4 | -40 to 66 | °C |
| -- 5 | -40 to 66 | °C |
| -- 6 | -40 to 66 | °C |

| Термокомплект | Номинальное значение | Единица измерения |
|---------------------------|--------------------------|-------------------|
| Компоненты термокомплекта | | |
| Part A ⁷ | Mix Ratio by Weight: 44 | |
| Part B ⁸ | Mix Ratio by Weight: 46 | |
| Part C ⁹ | Mix Ratio by Weight: 46 | |
| Resin | Mix Ratio by Weight: 100 | |

| Uncured Properties | Номинальное значение | Единица измерения |
|--------------------|----------------------|-------------------|
| Цвет | | |
| -- 10 | Amber | |
| -- 11 | Amber | |
| -- 12 | Amber | |
| -- 13 | Clear/Transparent | |
| Вязкость | | |
| -- 14 | 0.20 | Pa·s |
| -- 15 | 0.25 | Pa·s |
| -- 16 | 0.40 | Pa·s |
| -- 17 | 1.0 | Pa·s |
| Gel Time | | |
| 25°C ¹⁸ | 15 | min |
| 25°C ¹⁹ | 30 | min |
| 25°C ²⁰ | 1.5E+2 | min |

| Cured Properties | Номинальное значение | Единица измерения |
|-----------------------|----------------------|-------------------|
| Твердость по суше | | |
| Shore D ²¹ | 75 to 80 | |
| Shore D ²² | 75 to 80 | |
| Shore D ²³ | 75 to 80 | |
| Удлинение при разрыве | | |
| -- 24 | 2.0 to 4.0 | % |
| -- 25 | 3.0 to 5.0 | % |
| -- 26 | 4.0 to 6.0 | % |

| NOTE | |
|------|------------------|
| 1. | Medium Activator |
| 2. | Slow Activator |
| 3. | Fast Activator |
| 4. | Slow Activator |
| 5. | Medium Activator |
| 6. | Fast Activator |
| 7. | Slow Activator |
| 8. | Medium Activator |

| | |
|-----|------------------|
| 9. | Fast Activator |
| 10. | Medium Activator |
| 11. | Fast Activator |
| 12. | Slow Activator |
| 13. | Laminating Resin |
| 14. | Slow Activator |
| 15. | Medium Activator |
| 16. | Fast Activator |
| 17. | Laminating Resin |
| 18. | Fast Activator |
| 19. | Medium Activator |
| 20. | Slow Activator |
| 21. | Fast Activator |
| 22. | Medium Activator |
| 23. | Slow Activator |
| 24. | Fast Activator |
| 25. | Medium Activator |
| 26. | Slow Activator |

* Отказ от ответственности: Информация на этой странице предоставлена производителем, и поставщик документа не несет никакой юридической ответственности. Все права защищены. Пожалуйста, немедленно свяжитесь с нами в случае каких-либо нарушений.

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