

DATA SHEET: VACUUM CASTING RESIN 8263

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| Description: | | Flame retardant, good impact strength | |
| Features: | | Certified fire retardant UL94V-0 | |
| Suitable for: | | Electrical enclosures | |
| Cured Properties | | Test/ISO standard where applicable | |
| Colour | White | | |
| Transparency | Translucent | | |
| Shore hardness | At 23 °C | 83 D | 868 |
| | At 60 °C | 80 D | |
| | At 80 °C | 80 D | |
| Flexural strength | 93 N/mm ² | | 178 |
| Flexural modulus | 2200 N/mm ² | | 178 |
| Tensile strength | 68 N/mm ² | | R 527 |
| Tensile modulus | Not measured | | R 527 |
| Izod impact | 10 KJ/m ² | | 180 |
| Yield strength | Not measured | | R 527 |
| Elongation yield | Not measured | | |
| Elongation at break | 15% | | R 527 |
| Tear Strength | Not measured | | 34 |
| Thermal Conductivity | 7 W/mK | | BS 874 |
| Heat deflection temperature | 80 °C | | |
| Glass transition temperature | Not measured | | |
| Processing Information | | Notes | |
| Viscosity | Part A | 1000 cPs | At 25 °C |
| | Part B | 160 cPs | |
| Specific gravity | Part A | 1.30 | At 25 °C |
| | Part B | 1.19 | |
| Mix ratio A:B | 100:150 | | By Weight |
| Mixing Time | 60 s | | |
| Resin temperature | 40 °C | | Heating Chamber |
| Mould temperature | 70 °C | | Heating Chamber |
| Curing temperature | 70 °C | | Heating Chamber |
| Curing time in mould | 60 min | | |
| Pot life | 360 s | | 100 g at 25 °C |
| Post curing process | None | | |
| Typical shrinkage | 0.30% | | |