

Unsaturated Polyester Resin (UP)

| Item | Viscosity (P/S) | Accelerator | Hardener | Desiccant | Thixotrophy | Curing Condition | | | Curing Specification | | Applications |
|------------|-----------------|-------------|----------|-----------|-------------|------------------|------------|--------------------|----------------------|--------------------------|--|
| | | | | | | Accelerator | Hardener | Testing Temp. | Gel Time | Highest Heating Temp. | |
| YH-600 | 2.5-5.0 | None | None | None | None | 6NC – 0.5% | MEKPO 1.5% | 25 ⁰ C | 20 – 40 min. | 100 – 160 ⁰ C | FRP Lamination – Vinyl Ester Grade |
| YR-802 | 2.5-4.5 | Added | None | None | None | 6NC – 0.5% | MEKPO 1.5% | 25 ⁰ C | 10-25 min. | 90 – 140 ⁰ C | FRP Lamination – Vinyl Ester Grade |
| 2157-BQTNS | 4.0-6.0 | Added | None | None | Added | 6NC – 0.5% | MEKPO 1.0% | 25 ⁰ C | 20 – 40 min. | 120 – 150 ⁰ C | FRP Lamination – ISO Grade |
| 157 BQT | 4.0-6.0 | Added | None | Added | Added | 6NC – 0.5% | MEKPO 1.0% | 25 ⁰ C | 10-15 min. | 120 – 150 ⁰ C | FRP Lamination |
| 157 BQTN | 4.0-6.0 | Added | None | None | Added | CMG – 0.5% | MEKPO 1.0% | 25 ⁰ C | 10-15 min. | 120 – 150 ⁰ C | FRP Lamination |
| 1557 BC-4 | 4.0-6.0 | Added | None | Added | Added | 6NC – 0.5% | MEKPO 1.0% | 25 ⁰ C | 10-15 min. | 120 – 150 ⁰ C | FRP Lamination |
| 357 SMC | 15-25 | None | None | None | None | None | TBPB 1.0% | 120 ⁰ C | 1-4 min. | 160 – 210 ⁰ C | Resin for BMC / SMC |
| 983 | 50-70 | None | None | None | None | None | BPO 1.0% | 82 ⁰ C | 2-8 min. | 170 – 220 ⁰ C | Resin for BMC / SMC– ISO Grade |
| G2142T | 40-50 | None | None | None | Added | 6NC – 0.5% | MEKPO 1.0% | 25 ⁰ C | 10-15 min. | 140 – 180 ⁰ C | Gel Coat |
| YD-191 | 30-40 | None | None | None | None | 6NC – 0.5% | MEKPO 1.0% | 25 ⁰ C | 4-9 min. | 140 – 180 ⁰ C | Gel Coat |
| YS-191 | 9.0-11.0 | None | None | None | None | 6NC – 0.5% | MEKPO 1.0% | 25 ⁰ C | 4-9 min. | 140 – 180 ⁰ C | Gel Coat |
| YS-102 | 5.0-7.0 | None | None | None | None | CMG – 0.5% | MEKPO 1.0% | 25 ⁰ C | 7-9 min. | 130 – 160 ⁰ C | Gel Coat |
| MF-E2 | 13-17 | Added | None | None | None | CMG – 0.5% | MEKPO 1.0% | 25 ⁰ C | 8-10 min. | 100 – 125 ⁰ C | Fabrication of Artificial Marble |
| MF-01 | 13-17 | Added | None | None | None | CMG – 0.5% | MEKPO 1.0% | 25 ⁰ C | 10-12 min. | 100 – 120 ⁰ C | Fabrication of Artificial Marble |
| IPN-453 | 5.0-7.0 | Added | None | Added | None | CMG – 0.5% | MEKPO 1.0% | 25 ⁰ C | 20-30 min. | 120 – 140 ⁰ C | Fabrication of Artificial Granite |
| DP 30 | 2.0-4.0 | Added | None | Added | None | 6NC – 0.5% | MEKPO 1.0% | 25 ⁰ C | 3-6 min. | 100 – 120 ⁰ C | Resin for Casting |
| DF 3055 | 2.0-4.0 | Added | None | Added | None | CMG – 0.5% | MEKPO 1.0% | 25 ⁰ C | 3-6 min. | 100 – 120 ⁰ C | Resin for Casting |
| E2 | 2.0-4.0 | Added | None | Added | None | CMG – 0.5% | MEKPO 1.0% | 25 ⁰ C | 3-6 min. | 100 – 120 ⁰ C | Resin for Casting |
| D45CM | 2.0-4.0 | Added | None | Added | None | CMG – 0.5% | MEKPO 1.0% | 25 ⁰ C | 3-6 min. | 100 – 150 ⁰ C | Resin for Casting |
| YC-1A | 6.0-7.5 | None | None | None | None | PLT – 0.2% | MEKPO 0.7% | 25 ⁰ C | 10-15 min. | 100 – 120 ⁰ C | Transparent Resin |
| YC-1A-H | 4.0-5.0 | None | None | None | None | PLT – 0.2% | MEKPO 0.7% | 25 ⁰ C | 10-15 min. | 130 – 150 ⁰ C | Transparent Resin |
| 7 UP | 4.0-6.0 | Added | None | Added | Added | 6NC – 0.5% | MEKPO 1.0% | 25 ⁰ C | 20-60 min. | 50 – 80 ⁰ C | Soft Resin |
| 70 F | 2.0-4.0 | Added | None | Added | None | CMG – 0.5% | MEKPO 1.0% | 25 ⁰ C | 4-8 min. | 50 – 90 ⁰ C | Soft Resin |
| 2205NC-A | 3.0-4.0 | Added | None | Added | None | CMG – 0.5% | MEKPO 1.0% | 30 ⁰ C | 2-4 min. | 140 – 160 ⁰ C | Resin or Plastic Laminate Plate |
| 176P-1B | 10.0-12.0 | None | None | None | None | CMG – 0.5% | MEKPO 1.0% | 30 ⁰ C | 2-4 min. | 110 – 130 ⁰ C | Resin for the Manufacturing of Buttons |
| CT-101 | 0.1-0.5 | None | None | None | None | None | None | None | None | None | Resin PU Primer |