



COATING PRODUCTS: Technical Data Sheet

HIGH SOLIDS POLYESTER

MANREZ 59 is a hydroxyl-terminated polyester designed to be cross-linked with aminoplast resins for industrial baking enamels. It is highly suited for VOC compliant baking enamels for metal office furniture, cabinetry, light fixtures, cabinetry, and small household and industrial implements. Other applications are for use enamels that need higher resistivity for electrostatic spray.

- Excellent chemical resistance
- Excellent solvent resistance
- Optimum cure in bake cycles of 15 – 20 minutes @ 150° - 175°C
- Can be formulated to give VOC levels of 275 grams/liter, enamel resistivity of >2 megaohms, @ 40-50 second viscosity (Ford Cup #4, 25 °C)

TYPICAL PHYSICAL PROPERTIES*:

| | |
|----------------------|-------------------------------------|
| PERCENT SOLIDS | 82.0 +/- 1.0 |
| ACID VALUE | 18 max. (on solids) |
| PHENOLIC CONTENT | None |
| COLOR | 3 max. |
| VISCOSITY | Z ₃ – Z ₅ |
| SPECIFIC GRAVITY | 1.15 +/- 0.01 |
| SOLVENT | 50:50 BUTYL CELLOSOLVE/SOLVESSO 100 |
| R.V. @ 70% IN XYLENE | U - V |
| R.V. @ 70% IN MEK | F - I |
| PERCENT VOLATILE | 18.0 +/- 1.0 |

MANREZ 59 is available in steel drums or bulk tanker.

Ref.# EP-159-D

BEFORE USE, ALWAYS READ AND FOLLOW THE DIRECTIONS CONTAINED ON THE LABEL, AND MATERIAL SAFETY DATA SHEET.

** The information presented, while not guaranteed, it is to the best of our knowledge true and accurate. No warranty or guarantee, express or implied, is made regarding the performance or stability of any product, since the manner of use and conditions of storage and handling are beyond our control. No suggestions for product use are intended as and nothing herein shall be construed as a recommendation to infringe any existing patents or to violate any government laws.

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Technical Data