

# TECHNICAL DATA SHEET

## POLYETHYLENE WAX

| TYPICAL PROPERTY        | PE-101    | PE-102    | PE-103    | UNIT   | TEST METHOD |
|-------------------------|-----------|-----------|-----------|--------|-------------|
| Appearance              | White     | White     | white     | -      | Visual      |
| Melting Point           | 90±5      | 107±5     | 115±5     | °C     | DSC         |
| Volatile Content @150°C | 1%max     | 1%max     | 1%max     | %      | -           |
| Viscosity @ 140°C       | 12±5      | 30±5      | 80±5      | Cps    | ASTM D 3236 |
| Density                 | 0.86±0.02 | 0.89±0.02 | 0.92±0.02 | gr/cm3 | ASTM D1986  |
| Softening point         | 80±5      | 100±5     | 105±5     | °C     | ASTM E 28   |

### CONTAMINANTS

| PARAMETERS          | TEST RESULT | ACCEPTING LIMIT | UNIT | TEST METHOD |
|---------------------|-------------|-----------------|------|-------------|
| Catalyst            | ≤0.1        | ≤0.5%           | PPm  | -           |
| Water               | ≤0.1        | ≤0.5%           | PPm  | -           |
| Volatile fractions  | ≤0.1        | ≤0.5%           | PPm  | ASTM D 6658 |
| Dust and impurities | ≤0.1        | ≤0.5%           | PPm  | -           |

