

## GO3020E(Solventborne)

### Outline

GMP7550E is an environment-friendly chloride-free resin grafted with maleic anhydride by solution reactive processing. GMP7550E has an excellent adhesion power to PP, TPO and Al film without any surface treatment.

### Product Name : GO3020E(solventborne)

- Low-Crystallinity (soft).
- Surface of the applied film is transparent.
- Good adhesion to Polypropylene(without any surface treatment), Polyethylene(with surface treatment)
- Application: 1) Primer for automotive parts(interior & exterior) & electric appliances  
2) Ink binder for gravure printing (paint)  
3) Adhesive for multi-layer packaging (Easy peel, Aluminum foil, etc)

| Items            | Features                   | Remark |
|------------------|----------------------------|--------|
| Cl content (wt%) | 0                          |        |
| Appearance       | Translucent viscous liquid |        |
| N.V.(wt%)        | 19.0 ~ 21.0                |        |
| *Vis(cP)         | <500.0                     |        |
| T.g.(°C)         | -29.0 ~ -22.0              |        |
| T.m. (°C)        | 64.0 ~ 71.0                |        |
| **CI             | 2.50 ~ 3.50                |        |
| Solvent          | MCH/BA/IPA                 |        |
| Molecular Weight | 40000<                     |        |

\* BrookfieldLV(rpm:10, Spindle:S61, at 22°C)

\*\* CI(Carbonyl Index) =  $A_{1785}/A_{1167}$  ( $A_{1785}$ :Peak area of CO in Maleic acid,  $A_{1167}$ :Peak area of Polypropylene by FT-IR spectra)

# Technical Data Sheet

GENPOLY

## Solubility (measured at 20°C, 20wt% solution)

| Solvent     | Xylene | Toluene | <sup>a</sup> MCH | Solvesso 100 | Solvesso 150 | <sup>b</sup> EA | <sup>c</sup> BA |
|-------------|--------|---------|------------------|--------------|--------------|-----------------|-----------------|
| Solubility* | ◎      | ◎       | ◎                | ◎            | ◎            | △~○             | △~○             |

\* : ◎:Very good ○:Good △:Normal X:Poor

<sup>a</sup>MCH : Methylcyclohexane

<sup>b</sup>EA : Ethyl Acetate

<sup>c</sup>BA : n-Butyl acetate

※ Storage: At room temperature (20°C)