

BenyoCoat® BP Series

BenyoCoat®BP series is a special castor oil-based polyester. It can be used in polyurethane elastomers, adhesives, and coatings. Compared with traditional polyols, the polymers formed from the reaction have the following characteristics:

- Advanced Strength
- Good Elongation
- Advanced Adhesion
- Advanced humidity and aging resistance

Application

- Polyurethane thermal conductive structural adhesive
- Structural adhesive
- Potting adhesive
- Thermal conductive adhesive

Data

| Series No. | Color | Functionality | Acid Value mgKOH/g | OH Value mgKOH/g | Viscosity mPa·s/25°C |
|------------|--------------|---------------|-----------------------|---------------------|-------------------------|
| BP-19 | Yellow-Brown | 2.5 | ≤2 | 200 ~ 240 | 500 ~ 1500 |
| BP-23 | Yellow-Brown | 2.5 | <2 | 220 | 1100 |
| BP-27 | Yellow-Brown | 2 | <2 | 180 | 3000 |
| BP-31 | Yellow-Brown | 2 | <2 | 185 | 2700 |
| BP-35 | Yellow-Brown | 2.5 | <2 | 215 | 1200 |
| BP-46 | Yellow-Brown | 2 | <2 | 190 | 2200 |
| BP-49 | Yellow-Brown | 2.5 | <2 | 210 | 1400 |
| BP-66 | Yellow-Brown | 2.5 | 2 | 200 | 1700 |