| Grade Name | Typical Properties | | | | | | | | Polymer Type |
|---|---|---|---|---|---|---|---|---|---|
| | Total Solid Content (%) | pH | BF viscosity* (mPa・s) | Tg (℃) | Particle size nm | Surface Tension (mN/m) | Toluene GEL (%) | 10% weight reduction temperature* (℃) | |
| **ROADEX** | 50 | 10.5 | 120 | −50 | 60 | 35 | 55 | 404 | − |
| **ROADEX U-II** | 50 | 10 | 50 | −50 | 93 | 39 | − | 399 | Carboxylated |
| **ROADEX HS** | 50 | 9.9 | 1,000 | −55 | 2,000 | 45 | − | 404 | − |
| **ROADEX KIII** | 48 | 10.5 | 35 | −45 | − | − | − | − | Cationic latex |

*: Measurement condition :60rpm

*: By thermogravimetric analysis under nitrogen

# Applications

| Grade Name | Type | Application |
|---|---|---|
| **ROADEX** | Polymer modified asphalt PMA-Ⅰ | Polymer modified asphalt PMA-Ⅰ. Improving wear resistance and less slipping |
| **ROADEX U-II** | Polymer modified asphalt PMA-Ⅰ/PMA-Ⅱ | ・Polymer modified asphalt PMA-Ⅱ. Improving liquidity resistance.<br>・Also can use as Polymer modified asphalt PMA-Ⅰ. |
| **ROADEX HS** | Polymer modified asphalt PMA-H | ・Drainage paving application(PMA-H). It is suitable for porous asphalt pavement. |
| **ROADEX KIII** | Modified asphalt emulsion | ・Tack coat. Improving binder ability when added to Asphalt emulsion.<br>・Cationic latex |