

# Indunal OP 258 PN

- ◆ Special finely dispersed styrene/acrylic emulsion polymer
- ◆ INCI Name: Styrene/Acrylates Copolymer
- ◆ Preservative: 0.03 % 2-Bromo-2-Nitropropane-1,3-Diol (Bronopol)

**Fields of Application:    Personal Care, Household and Institutional Cleaners**

- ◆ Opacifying agent for use in personal care, household and institutional products (i.e. shampoos, bath and shower gels, household cleaners, laundry and dishwash detergents)

**Performance:**

- ◆ Providing a dense, milky or creamy look

|   |   |                |            |
|---|---|----------------|------------|
| <b>Appearance</b>   | : | white emulsion |            |
| <b>Solid Contents*</b> (DIN EN ISO 3251)  | : | 39 - 41 %      |            |
| <b>Viscosity *</b> at 25°C (DIN 53019-1)<br>(Anton Paar Rheolab QC; MS: CC27; D = 378 s <sup>-1</sup> ) | : | < 50 mPa·s     | I          |
| <b>pH Value*</b> (DIN ISO 976)  | : | 5.0 – 5.8      |            |
| <b>Average Particle Size</b><br>(laser scattering)  | : | appr. 0.17 µ   |            |
| <b>Ionicity</b>   | : | anionic        |            |
| <b>Freeze/Thaw Stability</b>  | : | unstable       |            |
|   |   |                | 2020-10-27 |
| * Specification values listed in our certificate of analysis  |   |                |            |

**please turn**

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## Remarks:

Indunal OP 258 PN should be diluted with water (at least 1:4) before adding very slowly under stirring. It should always be added as the very last item (i.e. after final pH adjustment).

Addition level: approximately 0.1 – 1 %

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