

## Indunal OP 258 AS

- ◆ Special finely dispersed styrene/acrylic emulsion polymer
- ◆ INCI Name: Styrene/Acrylates Copolymer

### 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



## Indunal OP 258 PN

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- ◆ Preservative: 0.03% 2-Bromo-2-Nitropropane-1,3-Diol (Bronopol)

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<b>Appearance</b>	: white emulsion	<b>Appearance</b>	: white emulsion
<b>Solid Contents*</b> (DIN EN ISO 3251)	: 39-41 %	<b>Solid Contents*</b> (DIN EN ISO 3251)	: 39 - 41 %
<b>Viscosity * at 25°C</b> (DIN 53019-1) (Brookfield LV DV II+; Spindel 1; 60 rpm)	: < 50 mPa.s	<b>Viscosity * at 25°C</b> (DIN 53019-1) (Brookfield LV DV II+; Spindel 1; 60 rpm)	: < 50 mPa.s
<b>pH Value*</b> (DIN ISO 976)	: 2.05 - 2.5	<b>pH Value*</b> (DIN ISO 976) (when packed)	: 5.0 - 5.8
<b>Average Particle Size</b> (laser scattering)	: appr. 0.17 $\mu$	<b>Average Particle Size</b> (laser scattering)	: appr. 0.17 $\mu$
<b>Ionicity</b>	: anionic	<b>Ionicity</b>	: anionic
<b>Freeze/Thaw Stability</b>	: unstable	<b>Freeze/Thaw Stability</b>	: unstable

\* Specification values listed in our certificate of analysis

\* Indunal OP 258 AS @ pH 2.05 - 2.5 inherently resistant to microbial attack



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Indulor

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