

# Joncryl® 8052



<b>general</b>	an acrylic emulsion for water-based inks on paper, film and foil substrates
<b>key features &amp; benefits</b>	<ul style="list-style-type: none"> <li>good adhesion</li> <li>good water resistance</li> <li>good printability</li> </ul>
<b>chemical nature</b>	acrylic emulsion

## Properties

<b>appearance</b>	semi-translucent emulsion																		
<b>typical characteristics</b> <i>(should not be interpreted as specifications)</i>	<table> <tr> <td>non-volatile</td> <td>46.5 %</td> </tr> <tr> <td>molecular weight (wt. av.)</td> <td>&gt; 200,000</td> </tr> <tr> <td>Brookfield viscosity at 25 °C</td> <td>750 mPa.s</td> </tr> <tr> <td>pH</td> <td>7.9</td> </tr> <tr> <td>acid value (on solids)</td> <td>65</td> </tr> <tr> <td>density at 25 °C</td> <td>1.04 g/cm<sup>3</sup></td> </tr> <tr> <td>minimum film-forming temperature</td> <td>&lt; 5 °C</td> </tr> <tr> <td>glass transition temperature Tg (DSC)</td> <td>-35 °C</td> </tr> <tr> <td>freeze/thaw-stable</td> <td>yes</td> </tr> </table>	non-volatile	46.5 %	molecular weight (wt. av.)	> 200,000	Brookfield viscosity at 25 °C	750 mPa.s	pH	7.9	acid value (on solids)	65	density at 25 °C	1.04 g/cm <sup>3</sup>	minimum film-forming temperature	< 5 °C	glass transition temperature Tg (DSC)	-35 °C	freeze/thaw-stable	yes
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## Application

Joncryl® 8052 is an acrylic film-forming emulsion developed for use in general purpose water-based flexographic inks used on paper, film substrates and aluminium foil. It combines properties like good adhesion, resolubility and water resistance.

Joncryl® 8052 is suitable for general purpose PE surface print applications like shopping bags.

## Typical formulation using Joncryl® 8052

flexo printing ink

providing good adhesion, water resistance and printability

35.0 parts	pigment concentrate*
55.5 parts	Joncryl® 8052
5.0 parts	PE wax emulsion*
4.0 parts	Iso propyl alcohol
0.5 parts	defoamer
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100.0 parts	

\* BASF also offers a full range of wax emulsions and dispersion resins.

For further detailed application information please contact our Technical Support Department.

### Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

### Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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