

# Joncryl<sup>®</sup> HR 1620

<b>Product Description</b>	Joncryl HR 1620 is a high heat-resistant Rheology Controlled (RC) acrylic emulsion for printing ink and overprint varnish applications.
<b>Key Features &amp; Benefits</b>	<ul style="list-style-type: none"> <li>- Very high heat release</li> <li>- Good water resistance</li> </ul>
<b>Chemical Composition</b>	RC acrylic emulsion

## Properties

<b>Typical Properties</b>	Appearance		translucent emulsion
	Non-volatile	%	40.0
	pH at 25°C		9.6
	Viscosity at 25°C	cps	100
	Acid number (NV)		120
	Density at 25°C	g/cm <sup>3</sup>	1.04
	MFFT	°C	< 10
	Total VOC	% wt	< 0.4

These typical values should not be interpreted as specifications.

## Application

Joncryl HR 1620 is a film forming RC acrylic emulsion that impacts maximum heat release and water resistance to ink and overprint varnish formulations

Joncryl HR 1620 is recommended for applications such as:

- Printing inks for flexographic or gravure applications
- Overprint varnishes for packaging applications

### Compatibility with other Joncryl Polymers:

	<b>75/25</b>	<b>50/50</b>
	<u>Joncryl HR 1620/Polymer</u>	<u>Joncryl HR 1620/Polymer</u>
Joncryl 60	1360*	3000*
Joncryl HPD 96	1060	2280
Joncryl 74-A	380	1200
Joncryl 80	280	160
Joncryl 537	Gel	Gel
Joncryl 538	220	280
Joncryl 585	340	240
Joncryl 624	500	1680
Joncryl 660	400	200
Joncryl HRC 1661	588	2840
Joncryl 1695	560	920
Joncryl 2153	580	1240
Joncryl 2640	Gel	Gel
Joncryl 2660	400	680

\*Viscosity, cps; Brookfield LVF #3 spindle, 30 rpm, 25°C.

## **Safety**

### **General**

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

### **Safety Data Sheet**

All safety information is provided in the Safety Data Sheet for Joncryl HR 1620.

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### **Storage**

Please refer to the "Handling and Storage of Polymer Dispersions" brochure.

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## Important

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