

Helping Make
Products Better™



JONCRYL® 1695

Key Features & Benefits

- High Heat Release Properties
- Contains No Added Zinc or Other Metallic Crosslinkers
- Hot Resistance
- Adhesion to Polyolefin Films

ZINC FREE HEAT RESISTANT EMULSION

General Information

Typical Physical Characteristics

Appearance	Translucent Emulsion
pH	8.1
Non-Volatile (%)	39.2
Viscosity (cps)*	700
Density (g/cm ³ , 25°C)	1.03
Acid Number (NV)	120
Molecular Weight (Mw)	>200,000
Freeze/Thaw Stable	Yes
Minimum Film Forming Temp. (°C)	<5
Total VOC (wt. %)	0.3

* Brookfield LVF #3 spindle, 12 rpm, 25 °C

These typical values should not be interpreted as specifications

JONCRYL® 1695 is a soft film forming Rheology Controlled (RC) styrene acrylic emulsion, with no added zinc or other metallic crossliners designed for high heat resistance applications.

Inks based on **JONCRYL 1695** can pass 325° heat resistance with tested face to face on coated paper substances. Zinc Oxide solution can be added to further enhance heat resistance.

JONCRYL 1695 can also be used to make hot mar resistance inks for pre-print corrugated applications.

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