

Helping Make
Products Better™

 **BASF**
The Chemical Company

JONCRYL® 67

Key Features & Benefits

- *Good Color Development*
- *Promotes Resolubility*
- *High Viscosity at Low Solids*

HIGH MOLECULAR WEIGHT PIGMENT DISPERSION RESIN

General Information

Typical Physical Characteristics

Appearance	Clear Flakes
Non-Volatile (%)	98.6
Density (g/cm ³ , 25 °C)	1.14
Tg (°C)	73
Acid Number (NV)	213
Molecular Weight (Mw)	12,500
Softening Point, Ring & Ball (°C)	143
Total VOC (wt. %)	1.4

These typical values should not be interpreted as specifications

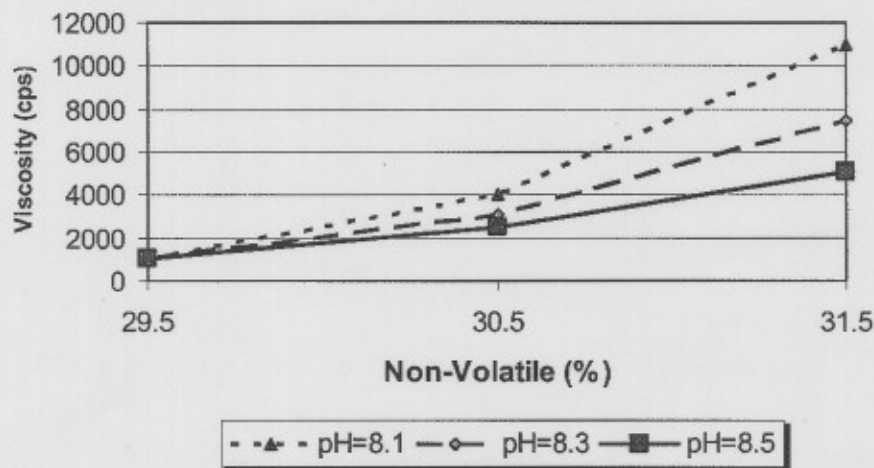
JONCRYL® 67 resin is a high molecular weight acrylic resin supplied in flake form. This styrenated acrylic polymer is designed to produce high quality aqueous pigment dispersions.

JONCRYL 67 resin can also be used to manufacture water soluble pigmented chips, where maximum color development and transparency are essential.

The high molecular weight of **JONCRYL 67** resin allows for the formulation of high viscosity low solids printing inks.

JONCRYL 67 resin solutions exhibit the following viscosity profiles:

Viscosity Profile of **JONCRYL 67** Solution (JONCRYL® 63)



Solutions of JONCRYL® 67:

JONCRYL 67 resin is supplied in solid flake form and must be neutralized and dissolved to form a varnish before use, except in the manufacturing of pigmented chips. Solutions of JONCRYL 67 resin are commercially available as JONCRYL® 62 resin solution and JONCRYL 63 resin solution.

	JONCRYL 62	JONCRYL 63
JONCRYL 67	29.9	30.0
Ammonia (28%)	6.6	6.5
Propylene Glycol	1.0	—
Water	62.5	63.0
Total	100.0	100.0

Appearance	Clear Solution	Clear Solution
Non-Volatile, %	30.5	30.0
pH	8.3	8.4
Viscosity (cps)*	4,500	5,000
Weight per Gallon, lbs	8.8	8.9
Theoretical VOC, % wt	1.6	0.6%

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

The statements in the product literature and label are guidelines only. Users should test this product in advance to verify suitability for particular uses. BASF Corporation neither makes nor authorizes to be made any express or implied representation or warranty with regard to this product concerning the performance, use, fitness for particular purpose, suitability for use on any surface or merchantability of this product, whether used alone or in combination with other products. The furnishing by us of information and products either as experimental samples or by sales, contains no recommendations respecting the use of these products or the lack of infringement of any patent nor does it grant a license under any patent owned by our company. BASF assumes no liability for any damage of any

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kind regardless of cause, including negligence.

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