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

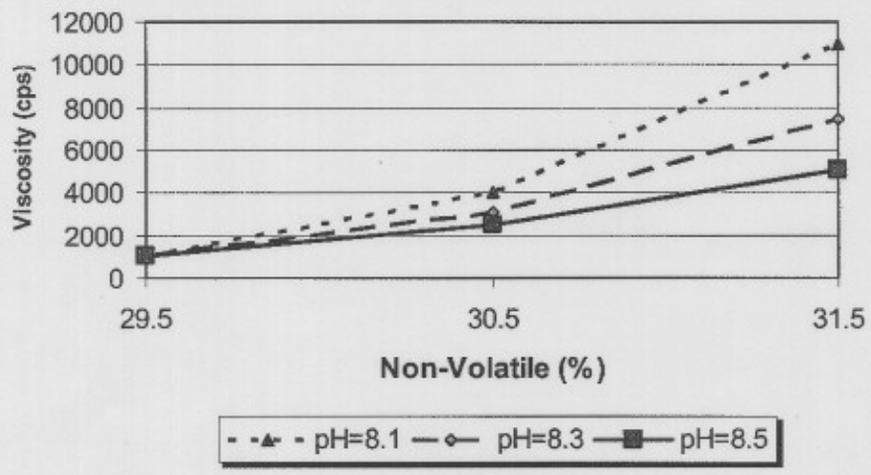
JONCRYL® 67 resin is a high molecular weight acrylic resin supplied in flake form. This styrenated acrylic polymer is designed to produce high quality aqueous pigment dispersions.

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

U.S. and Canada
BASF Corporation
8310 16th Street
P.O. Box 902
Sturtevant, WI
53177-0902
Phone: 1-800-231-7868
Fax: 1-800-437-3266
americas@basf.com

Europe, Africa and Middle East
BASF Resins B.V.
Innovatielaan 1
8466 SN Nijehaske
P.O. Box 390 8440
A J Heerenveen
The Netherlands
Phone: 31-513-619619
Fax: 31-513-619600
europe@basf.com

Japan
Johnson Polymer Corp.
Kanagawa Science Park
West-505
2-1, Sakado 3-Chome,
Takatsu-ku
Kawasaki-shi,
Kanagawa/Japan
213-0012
Phone: 81-44-829-1366
Fax: 81-44-829-1361

Asia/Pacific Rim
Johnson Polymer Ltd.
Block 213, Henderson Ind.
Park #04-11 Henderson
Road
Singapore 159533
Phone: +65-6272-2338
Fax: +65-6271-7956

Latin and South America
BASF Mexicana, S.A. de C.V.
Av. Insurgentes Sur # 975
Col. Ciudad de los Deportes
C.P. 03710
Mexico, D.F.
Phone : (52-55) 53-25-27-87
(52-55) 53-25-26-87
Fax: (52-55) 56-11-48-97