

JONCRYL[®] 354

Key features and benefits

- excellent release properties
- good film hardness
- fast drying
- excellent gloss after calendering

**an resin solution for combined use with JONCRYL[®] 352
in endless press/calendering varnishes**

General information

Typical physical characteristics (not to be considered specifications)

appearance	clear solution
non-volatile	32%
molecular weight (wt. av.)	8,500
viscosity at 25 °C (77 °F) (Brookfield)	2,800 mPa.s
pH	8.0
acid value (on solids)	235
density at 25 °C (77 °F)	1.06 g/cm ³
minimum film-forming temperature	-
glass transition temperature Tg (DSC)	101 °C (214 °F)
freeze/thaw-stable	yes

Applications

Resin solution JONCRYL® 354 has specifically been developed for use in endless press/calendering varnishes providing excellent release properties and exceptional gloss levels when used with conventional and endless press calendering equipment.

Typical formulations using JONCRYL 352 and JONCRYL® 354

calendaring varnish

20.0 parts	JONCRYL® 354
65.0 parts	JONCRYL® 352
3.5 parts	PE wax emulsion*
0.5 parts	wetting agent
0.7 parts	defoamer
3.0 parts	PA
7.3 parts	water
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 these products, advice and information given in the safety data sheet must be complied with. Further, protective and workplace hygiene measures adequate for handling chemicals must be observed.

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. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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