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Joncryl® 296 MEA

general	a MEA based high performance dispersion resin solution for highly pigmented dispersions to be used in water-based inks
key features & benefits	enables high pigmented low viscosity dispersions improves storage and shock stability reduces mill time excellent color development, gloss and transparency
chemical nature	dispersion resin solution

Properties

appearance clear solution

typical characteristics
(should not be interpreted as specifications)

non-volatile	37.5 %
molecular weight (wt. av.)	11,500
Brookfield viscosity at 25 °C	700 mPa.s
pH	9.5
acid value (on solids)	141
density at 25 °C	1.08 g/cm³
freeze/thaw-stable	yes

Application

Joncryl® HPD 296 MEA is a high performance dispersion resin solution designed to improve the viscosity and shock stability of highly pigmented dispersions.

Dispersions made with Joncryl® HPD 296 MEA resin exhibit very good shock stability and may be used in automated dispensing equipment without the need for further buffering.

Joncryl® HPD 296 MEA resin improves milling efficiency by allowing a faster pigment wetting and an higher pigment loading.

Typical formulation using Joncryl® HPD 296 MEA

pigment concentrate

25.5	parts	Joncryl® HPD 296 MEA
45.0	parts	organic pigment
0.5	parts	defoamer
29.0	parts	water
100.0	parts	

For further detailed application information please contact our Technical Support Department.

Safety
When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

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