



Core Chemical Inc.

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Specification

CORE VN-128J

CORE VN-128J is a UV curable over printing varnish. It's specially formulated for roller coating (flexo) on papers by in-line or off-line process. After cured, it provides a glossy surface with smooth feeling and good scratch resistance.

Item	Specification
Appearance (30°C)	Yellowish
Viscosity-Brookfield at 25°C	220±20 cP
Viscosity-Cup Ford#4 at 25°C	62±7
Specific Gravity at 25°C	1.08±0.05
Curing Rate (200 watt/in Hg lamp)	80 mJ/cm ²
Coating Thickness	3~5µm
60° Gloss	≥ 80
Reactive nonvolatile	≥ 90%
Packing	20kg / 200kgs drum
Storage	1.CORE VN-128J should be stored in the dark at temperature not exceeding 40°C to avoid inactivation of the inhibitor system. 2.It should not be stored for more than 12 months. The toxicological properties of CORE VN-128J have not been determined entirely.
APPLICATION CONSIDERATION S	1.All UV curable products should be always shielded from unwanted UV exposure. 2.Machinery and equipment should be cleaned before and after prolonged unused. 3.Wax or silicon base ingredient in the ink will impair the wetting of uncured film. 4.It encounters color fading on unstable ink especially in high cure rate products. 5. Emulsion primer is recommended to improve adhesion properties.