

Technical Information

JPACK 715

J PACK 715 is solvent born non-reactive, thermoplastic polyurethane resin. This is used as an adhesion promoting and flexibilising resin for other film forming ink binders. The resin is used to formulate solvent based flexo and gravure inks for packaging films, especially, Poly, Polyester, BOPP, Polyolefin films. Inks based on this resin are recommended for surface printing as well as laminating applications.

SPECIFICATIONS

Sr.	Test	Results
1	Physical Appearance	Viscous Liquid
2	Active Content	100 %
3	Colour	< 6 (Gardner No.)
4	Density	1.10 g/cm ³
5	Viscosity	< 300 cps/25 ^o C
6	Boiling Point	Decomposes without boiling >200°C
7	Flash Point	190 – 200

TYPE Non-Reactive Polyurethane

APPEARANCE Transparent Solution

TOTAL SOLIDS (% W/W) 70

VISCOSITY IN BROOKFIELD VISCOMETER (25°C) 1000 – 1500

VOLATILES 27% ethyl acetate + 03% NPA

FLASH POINT °C (C.C.) 5

DENSITY (20°C) (KG/L) 1.004

ACID VALUE 0.5 – 1 (Max.)

APPLICATION

- Flexo & gravure inks with excellent press behavior for printing common flexible packaging films like polyolefins, PET, aluminum foils & metalized films.
- Blending with hard resins may be required to eliminate tackiness. The use of nitrocellulose should be in appropriate ratio to ensure the lamination adhesion, low solvent retention.

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- At the time of Printing on PET films adhesion promoter is not required.
 - Recommended adhesion promoter while printing on Polyolefin & BOPP Films.

KEY BENEFITS

- Balance of adhesion & alcohol solubility
- Excellent compatibility with alcohol soluble nitrocellulose
- Good adhesion on aluminum foils
- Very Flexible
- Non-blocking films even at high temperatures
- Solvent retention values are very low.

**RECOMMENDATION FOR
END USE**

Flexo and gravure inks on films

PACKING

200 Kgs capacity tight headed, non-returnable drums

SHELF LIFE

Store under cool dry place. It is recommended that material should be used within 12 months from the date of manufacturing.
