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## KPLAST™ 1039

KPLAST™ 1039 is a moderately tough thermoplastic polyurethane resin for use as an adhesion promoter, mainly in nitrocellulose based gravure inks for flexible packaging. It is often used in conjunction with softer TPU's to achieve optimum adhesion and flexibility.

Product Specifications	
Appearance	Clear to Slightly Hazy
Solids Content	70% ± 2%
Viscosity (25°C)	800 – 1450 cps
Color (Gardner)	2 Max
Solvent	22% Ethyl Acetate 8% Isopropanol

### Key Features and Benefits

- ✓ Very good adhesion to polyolefin films
- ✓ Good compatibility with N/C, PVB, Ketone and Maleic resins
- ✓ Can be used alone or in conjunction with other softer TPU's or monomeric plasticizers
- ✓ Very resistant to oils, fats and water
- ✓ Good gloss
- ✓ Nitrocellulose compatible

### F.D.A Status

Although there is no section directly referring to non food contact inks, reference can be made to other sections of the F.D.A. The composition of KP 1039 conforms to the positive list of the American F.D.A. regulations, Chapter 21, Section 175-105 for laminating adhesives, where the ingredients are separated from the food by a functional barrier.

### E.E.C. Status

The individual monomers used in the manufacture of KP 1039 are listed in the Plastics Directive, Section 1, Part1, 'Authorized Monomers.'

### REACH Status

All reactants are REACH pre-registered and as directed to be registered. We have as needed joined the required SIEF's for the reactant. Our only European representative is Info-Care.

### Additional Data

For further information on this product, please consult our product information sheet.