



TOYOBO CO., LTD HARDLEN Sales Department

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Technical Information

HARDLEN[®] 13-LP

HARDLEN[®] 13-LP is has developed by TOYOBO under our original technology, which has excellent adhesiveness to polyolefins.

HARDLEN[®] 13-LP is suitable properties for printing ink to polypropylene film.

(1) Properties

| Polymer | Chlorinated Polyolefin |
|--------------------------------|------------------------|
| Cl % | 25-27 |
| Viscosity (dPa·s) ^a | 0.2-0.8 |

*^a 10wt% Toluene solution at 25°C

(2) Characteristics of HARDLEN[®] 13-LP

1. Excellent adhesiveness to untreated polypropylene film.
2. Good solubility to solvent (Toluene).

(3) Packing

20kgNET in paper bag