Technical Information

UMU-201230

Description:

UMU-201230 is a non-reactive aliphatic polyester based polyurethane with medium molecular weight. It leads to tack free films with elastomeric properties and has no blocking tendency, even at elevated temperature.
The material is tin-free and TDI-free.

UMU-201230 is monosolvent, based only on ethylacetate. The material shows excellent compatibility with Nitrocellulose.

Application:

UMU-201230 is recommended for the use in flexographic and gravure ink formulations for both surface and lamination printing applications.
The product helps creating excellent adhesion towards PE, OPP and PET films, it reveals good solvent release and excellent lamination bond strength.
Grease resistance, heat resistance and deep freeze resistance are excellent.

Typical properties:

Property	Typical value
Appearance	Transparent to slightly hazy & Pale yellow to yellowish
Solid content [% w/w]	30 ±2
Volatile content [% w/w]	70% Ethyl Acetate
Viscosity Brookfield @ 25 °C [mPa·s]	2,000 – 3,000

Storage:

The product should be stored in closed original container at a typical temperature between 0 – 25 °C.

Shelf Life:

The product has a shelf life of at least 9 months from the date of manufacture.

Safety:

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