

DYNACOLL® Terra EP 413.03

preliminary

43.13.882e / 06.19

General discription

Solid, amorphous and saturated polyester polyol made of > 35 % renewable materials.

Application

Manufacturing of biobased reactive hot melt adhesives with fast setting behaviour.

Specification

| Property | Value | Unit | Test method |
|-----------------|---------|----------|-------------------|
| Hydroxyl number | 37 – 44 | mg KOH/g | DIN EN ISO 4629-2 |
| Acid number | max. 2 | mg KOH/g | DIN EN ISO 2114 |

Typical data

| | | | |
|------------------------------|------|------|---------------------------------|
| Molecular weight | 2800 | - | calculated from Hydroxyl number |
| Glass transition temperature | 40 | °C | DSC |
| Softening point (R + B) | 90 | °C | DIN ISO 4625 |
| Viscosity at 130 °C | 17 | Pa s | DIN EN ISO 3219 |

Compatibility with other DYNACOLL copolyesters (1:1 blends)

Transparent: 7110, 7130, 7131, 7140, 7150, 7210, 7230, 7231, 7250, 7255, 7320, 7321, 7330, 7340, 7360, 7361, 7362, 7363, 7365, 7390, Terra EP 413.01, EP 413.04, EP 424.02, EP 481.01

Cloudy:

Opaque: Terra EP 413.02

Phase Separation: 7110, 7380, 7381
Terra EP 424.01

Form supplied

30 kg cans and 200 kg drums.

Storage Stability

When stored below 30 °C in closed containers the product remains stable for at least one year from delivery. In case of open or improperly closed containers, there is a possibility of increased moisture from the atmosphere.

Safety and Handling

Please refer to our Material Safety Data Sheet.

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Marl, June 11, 2019

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