

DYNACOLL® Terra EP 413.02

preliminary

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General description

Solid, amorphous and saturated polyester polyol made of > 30 ppw renewable materials.

Application

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

Specification

Property	Value	Unit	Test method
Hydroxyl number	27 – 34	mg KOH/g	DIN EN ISO 4629-2
Acid number	max. 2	mg KOH/g	DIN EN ISO 2114

Typical data

Molecular weight	3,500	-	calculated from Hydroxyl number
Glass transition temperature	30	°C	DSC
Softening point (R + B)	85	°C	DIN ISO 4625
Viscosity at 130 °C	32	Pa s	DIN EN ISO 3219

Compatibility with other DYNACOLL copolyesters (1:1 blends)

Transparent:	Terra EP 413.04
Cloudy:	7140, 7150
Opaque:	7130, 7131, 7210, 7230, 7231, 7255, 7320, 7321, 7330, 7340, 7360, 7361, 7363, 7365, 7381, 7390, Terra EP 413.01, 413.03, 424.01, 481.01
Phase Separation:	7110, 7111, 7250, 7362, 7380, Terra EP 424.02

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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