

# BEPD



## Description

- BEPD (2-Butyl-2-Ethyl-1,3-Propanediol)
- White crystalline solid
- Diol containing primary hydroxyl groups
- BEPD is FDA approved according to FCN 420

## Applications

- Saturated polyesters for powder coating, coil coatings and other stoving enamels
- Polyurethanes for coatings, foams and elastomers
- Unsaturated polyesters, especially gelcoats
- Short oil alkyds, both solvent- and waterborne
- Polyester polyols

## Delivery forms

- Steel drums 190 kg, 760 kg/pallet
- Bulk in molten form

## Storage

- All drums should be used in their entirety or agitated before use.

## Sales specification

BEPD content, % <sup>1</sup>	Min 99.0
Acidity (as acetic acid), % <sup>2</sup>	Max 0.01
Colour (liquid), Hazen <sup>3</sup>	Max 20
Water content, % <sup>4</sup>	Max 0.1

## Typical properties

Hydroxyl number, mg KOH/g <sup>5</sup>	695
Melting point (final), °C <sup>6</sup>	44
Boiling point, °C	262
Density (50 °C), kg/m <sup>3</sup>	929
Autoignition temperature, °C	306

### Analytical Method

<sup>1</sup> PO 130-1 (GC), <sup>2</sup> PO 110-8 (ASTM D 1613), <sup>3</sup> PO 105-2 (ISO 2211/ASTM D 1209),  
<sup>4</sup> PO 109-2 (ASTM E 1064-92), <sup>5</sup> PO 100-13, <sup>6</sup> PO 102-1

Analytical methods are available on request

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HS no.: 2905 39

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