

BEPD



Description

- BEPD(2-Butyl-2-Ethyl-1,3-Propanediol)
- White crystalline solid
- Diol containing primary hydroxyl groups
- The product is FDA approved

Applications

- Saturated polyesters for powder coating, can and 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

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

Typical properties

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|--|-----|
| Hydroxyl number, mg KOH/g ⁵ | 695 |
| Melting point (final), °C ⁶ | 41 |
| Boiling point, °C | 264 |
| Density (50 °C), kg/m ³ | 929 |
| Autoignition temperature, °C | 306 |

Analytical Method

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

Analytical methods are available on request

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HS no.: 2905 39

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