

DMBA



Description

- Dimethylolbutanoic Acid (DMBA)
- White to slightly yellowish crystalline material
- Trifunctional compound of neopentyl structure containing two primary hydroxyl groups, one tertiary carboxyl group and an aliphatic side group which gives improved solubility

Applications

- Polyurethane dispersions
- Printing inks
- Waterborne alkyds and polyesters
- Conventional alkyds and polyesters
- Chemical building block
- Polyurethane acrylates
- Solventborne polyurethane

Delivery forms

- Carton box with an aluminium laminated polyethylene inner bag, 20 kg, 540 kg/pallets

Storage

- DMBA is very hygroscopic and should therefore be stored under dry conditions.

Sales specification

Hydroxyl number, mg KOH/g ¹	728-782
Acid number, mg KOH/g ²	357-397
Water content, % ³	Max. 0.5

Typical properties

DMBA content, % ⁴	>95
Melting point (final), °C ⁵	107-115

Analytical Method

¹ PO 100-18, ² PO 110-5, ³ PO 109-2, ⁴ PO146-1, ⁵ PO102-2
Analytical methods are available on request

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