

DYTEK® BHMT - bis(hexamethylene)triamine

Bis(hexamethylene)triamine

C₁₂H₂₉N₃

Product Description

DYTEK® BHMT triamine is a mixed amine containing 25-85 wt% of Bis(hexamethylene)- triamine (BHMT) as the primary component. Available in the following grades:

- DYTEK® BHMT Amine (20% to 49%)
- DYTEK® BHMT Amine (50% to 78%)



Typical Composition (wt %)

Bis(hexamethylene)triamine (BHMT)	25–85
Oligomeric Amines	6–70
Caprolactam	3–5
Hexamethylenediamine	1–3
C ₁₀ Amines	1–4
6-Aminocaproamide	1–3

General Information

CAS Registry Number	68411-90-5
Specific Gravity	0.93–0.97
Boiling Point, °C (°F), 100 mmHg with decomposition	249 (480)
Melting Point, °C (°F) (pure component)	32–34 (90–93)
Vapor Pressure, mmHg, 180°C (356°F) (pure component)	7
Flash Point, °C (°F) (open cup)	121 (250)
Amine Value, mg KOH/g	474–736

Applications

- Asphalt anti-stripping agents
- Cationic emulsifying agents
- Cationic collectors for ore flotation
- Chelating agent
- Corrosion and scale inhibitors
- Curing agents for urethanes
- Curing agents for epoxy resins
- Flocculating agents
- Wet strength paper resins

Packaging

Net Weight (lbs/kg)
 Tank truck 45,000/20,400
 Drums 400/181

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For Samples and Information:
INVISTA Specialty Intermediates
www.DYTEK.INVISTA.com

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