4,4'-Methylenebis(N-sec-butylcyclohexylamine)

4,4'-Methylenebis(N-sec-butylcyclohexylamine) · RS-SBPACM · CAS 154279-60-4 · Technical Data Sheet · RawSource · rawsource.com/product/4-4-methylenebis-n-sec-butylcyclohexylamine/

CAS NO.	PRODUCT CODE	PRODUCT TYPE
154279-60-4	RS-SBPACM	Cycloaliphatic secondary diamine · chain extender and curing agent

4,4'-Methylenebis(N-sec-butylcyclohexylamine) is a chain extender for spray and hand-applied polyurea coatings and elastomers. It has good light stability and is used to produce colorless, transparent, yellowing-resistant polymers. It is also used as a latent curing agent for epoxy resins and in organic synthesis.

DISTRIBUTED BY
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Product page: rawsource.com/product/4-4-methylenebis-n-sec-butylcyclohexylamine/
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GENERAL INFORMATION

Chemical name	4,4'-Methylenebis(N-sec-butylcyclohexylamine)
Molecular formula	$C_{21}H_{42}N_2$
Molecular weight	322.57 g/mol

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION	TYPICAL
Appearance	Colorless to light yellow transparent liquid	Colorless transparent liquid
Purity	99.0 % min	99.98 %
Color, Pt-Co	30 max	4.2
Viscosity, 25 °C	50 – 100 mPa·s	58 mPa·s
Amine Value	330 – 390 mg KOH/g	342 mg KOH/g
Moisture	0.20 % max	0.05 %

Each lot is released against this specification. Lot-specific results are reported on the Certificate of Analysis that ships with every delivery.

KEY FEATURES

- Good light stability
- Colorless, transparent, yellowing-resistant polymers
- Color stability, physical properties and heat resistance in the coating
- Low reactivity, which extends pot life
- High strength in the cured coating
- Good compatibility with polyols, curing agents and other polyurethane and polyurea components

APPLICATIONS

- Chain extender for spray polyurea coatings
- Chain extender for hand-applied polyurea coatings
- Polyurea elastomers
- Latent curing agent for epoxy resins
- Organic synthesis

Applications are those stated for the product. Confirm suitability for each formulation by trials.

PACKAGING AND SHELF LIFE

- Shelf life: 12 months from production date.

The information in this Technical Data Sheet is provided for technical evaluation and is believed to be accurate as of the issue date. Typical values are representative and do not constitute a warranty. Binding specifications are those stated on the lot-specific Certificate of Analysis and in the sales contract. Users should verify suitability for their own process and regulatory requirements. Refer to the Safety Data Sheet before handling. Questions: solutions@rawsource.com.