

TYPE

Polyisocyanate cross-linking Acrylic Resin

Hydroxyl content: approx. 3 % on solid resin

USES

Mainly in combination with aliphatic polyisocyanates to formulate two-component polyurethane coatings with good light stability, chalking resistance and gloss retention; particularly suitable for automotive coatings.

FORM SUPPLIED

Approx. 60 % in xylene / butyl acetate (5 : 3)

PROPERTIES / APPLICATIONS

Air- and oven-drying automotive coatings (OEM and refinish), commercial vehicles and industrial coatings.

SPECIFICATION

Non-volatile content (1 g, 1 h, 125 °C): 60 ± 1 %

DIN EN ISO 3251

Viscosity (23 °C): 2000 ± 300 mPa·s

DIN EN ISO 3219/A.3

Acid value, supply form: 6.5 ± 1.5 mg KOH/g

DIN EN 2114

Hydroxyl content, supply form: 1.6 to 2.0 %

DIN EN ISO 4629

Colour - Hazen: ≤ 50 APHA

DIN EN ISO 6271

Water content: ≤ 0.1 %

DIN 51 777-1

SOLUBILITY / THINNABILITY

Good compatibility with the following solvents: Ethyl acetate, butyl acetate, 1-methoxypropylacetate-2, xylene, solvent naphtha 100.

Only PU grade solvents should be used (< 0.05 % water, free of other reactive impurities).

COMPATIBILITY

SETALUX D A 760 BA/X can be mixed with the following Desmodur¹ and SETALUX D A and SETAL[®] types: Desmodur N 75, N 3390, N 3600, N 3790, Z 4470, SETALUX D A 365, A 450, A 565, A 665 as well as SETAL D RD 181. However, the compatibility must be tested in each case.

¹ Covestro

STORAGE

SETALUX D A 760 BA/X should be stored in originally sealed containers at temperatures not exceeding 30 °C.

OTHER DATA*

Equivalent weight, supply form: approx. 945 g/eq

SHELF LIFE

Standard shelf life is 730 days from the date of manufacturing.

For products still in allnex possession allnex may extend the expiration date of a batch upon re-testing by QC.

Density (20 °C): approx. 1.02 g/cm³

DIN EN ISO 2811-2

Flash point: approx. 24 °C

DIN EN ISO 1523

* These values provide general information and are not part of the product specification.

LABELING AND REACH APPLICATIONS

This product data sheet is only valid in conjunction with the latest edition of the corresponding Safety Data Sheet. Any updating of safety-relevant information – in accordance with statutory requirements – will only be reflected in the Safety Data Sheet, copies of which will be revised and distributed. Information relating to the current classification and labeling, applications and processing methods and further data relevant to safety can be found in the currently valid Safety Data Sheet.