

25-1266 (AEKYUNG D-750CB) BLOCKED POLYISOCYANATE

TECHNICAL DATA SHEET

DESCRIPTION

PAGE 1 OF 1

A P P L I C A T I O N S

Automotive OEM

Can coatings

Coil coatings

General industrial coatings-metal

25-1266 is a blocked aliphatic polyisocyanate based on HDI trimer. It is supplied at 75% solids in butyl acetate and xylene (1:1 ratio).

25-1266 is typically used as a crosslinker to create single component urethane systems. These systems must be heat activated and will provide excellent weathering, chemical and abrasion resistance. 25-1266 requires a temperature of 130° C (266° F) to unblock.

SOLUBILITY AND COMPATIBILITY

25-1266 is completely soluble in xylene, butanol, methyl ethyl keytone and butyl acetate.

25-1266 has compatibility with hydroxyl functional polymers such as polyesters and polyacrylates.

TYPICAL PROPERTIES

% Solids	74 - 76
Viscosity @ 25°C (mPa.s)	550 - 1760
Color (Gardner)	2 maximum
% Blocked NCO Content	10.0 - 12.0
% Free Monomer	0.5 maximum
Equivalent Weight (Total Weight)	382
Weight Per Gallon @ 25°C	9.18

Peninsula Polymers Providing Expertise in Chemical Distribution

3401 COLLEGE BLVD · SUITE 230 · LEAWOOD, KANSAS 66211

TELEPHONE: 913.647.8100 • FACSIMILE: 913.647.8180 WWW.PENPOLY.COM

The information contained herein is based on data believed by Peninsula Polymers to be accurate. However, we do not assume any liability for the accuracy of this information. All such information is used at the customer's own risk since conditions of use are beyond our control and responsibility. All materials may present unknown health hazard, and the user is responsible for meeting all applicable safety, health, and environmental standards. Determination of suitability of any information or product for an intended end use, with respect to feasibility and / or patent infringement, is the sole responsibility of the user. Read the Material Safety Data Sheet before using this product.

KEY BENEFITS

Abrasion resistance Chemical resistance Flexibility Single Component Weather resistance