

25-1255 (AEKYUNG AH-3055) BLOCKED POLYISOCYANATE

TECHNICAL DATA SHEET

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APPLICATIONS

Automotive OEM
Can coatings
Coil coatings
General industrial coatings-metal

DESCRIPTION

25-1255 is a blocked aliphatic polyisocyanate based on HDI trimer. It is supplied at 55% solids in ethyl acetate, cellosolve acetate and methanol.

25-1255 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. 25-1255 requires a temperature of 130° C (266° F) to unblock.

SOLUBILITY AND COMPATIBILITY

25-1255 is completely soluble in xylene, butanol, methyl ethyl ketone and butyl acetate.

25-1255 has compatibility with hydroxyl functional polymers such as polyesters and polyacrylates.

KEY BENEFITS

Abrasion resistance
Chemical resistance
Flexibility
Single Component
Weather resistance

TYPICAL PROPERTIES

% Solids	54 - 56
Viscosity @ 25°C (mPa.s)	125 - 165
Color (Gardner)	2 maximum
% Blocked NCO Content	6.0 - 7.0
% Free Monomer	0.5 maximum
Equivalent Weight (Total Weight)	646
Weight Per Gallon @ 25°C	8.91