

XA-70

XA-70

XA-70 is a polyamine blend with unique characteristics. XA-70 has been developed specifically as an epoxy curing agent but its usage can be extended to mineral processing aids and corrosion inhibitors.

CAS number
84238-53-9

EINECS/ELINCS No.
282-508-4

Specifications

Appearance (MOA 200)	Clear yellowish liquid
Amine number (MOA 234)	1100-1350 mg KOH/g
AEEA (MOA 566)	report value wt%
DEA (MOA 566)	report value wt%
HE-DETA (MOA 566)	report value wt%
L-TETA (MOA 566)	report value wt%
Color (MOA 201)	≤ 2 Gardner
Viscosity, 50 °C (MOA 589)	≤ 100 mPa.s
Water (MOA 305)	≤ 1.0 wt%

Characteristics

Form	Viscous liquid
Color	Yellow
Odor	Ammonical
Explosive properties	No
Flammability, liquids	Not classified as a flammability hazard
Oxidizing properties	No
Water solubility	Soluble, 20°C
Solubility in other solvents	Acetone;Ethanol
pH, 25% solution	12
Melting point/freezing point, 1013 hPa	< -30 °C
Boiling point/boiling range, 1013 hPa	254 °C
Flash point, 1013 hPa, ISO 2719	176 °C
Vapor pressure, 20°C	0.00009 hPa
Relative density, 20°C	1.024
Partition coefficient, N-octanol/water, 25°C, log Pow	-2.6
Dynamic viscosity, 50°C	40 mPa.s

Notes:

Higher polyethylene polyamines approx. 50% (isomers of TETA, TEPA) Alkanolamines approx. 50% (AEEA, DEA, Hydroxyethyl DETA, and higher). Methods of Analysis (MOA) are available upon request. In case of dispute, the listed Method of Analysis will be used as reference methods

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

For more information, please visit our website at www.nouryon.com.

The logo for Nouryon, featuring a stylized blue 'N' followed by the word 'ouryon' in a lowercase, sans-serif font.