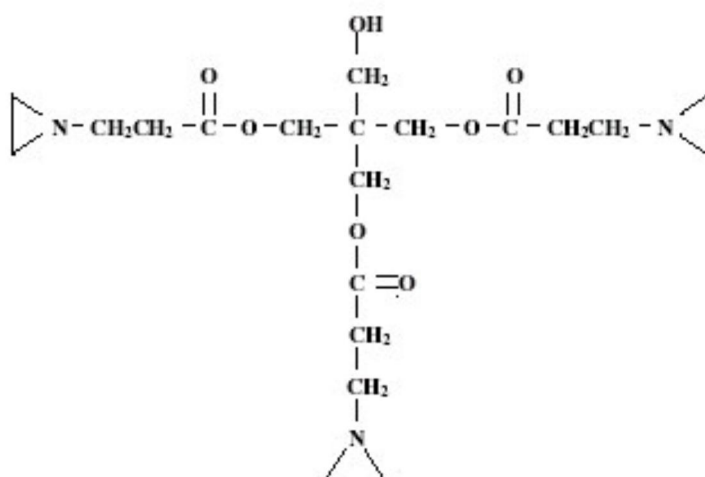


	POLYAZIRIDINE GLOBAL, S.L. Rambla Fabra i Puig, 50 Entlo. 08030 Barcelona, Spain Tel.: +34 935 152 043 Fax: +34 935 152 424 www.polyaziridineglobal.com	PZE-1000 XAMA[®]7 Replacement

POLYFUNCTIONAL AZIRIDINE

PZE-1000 is an ethylene imine based tri-functional polyaziridine that is used in both aqueous and non-aqueous coatings, inks, and adhesives to promote both physical and chemical properties. PZE-1000 is a XAMA[®]7 equivalent, which can be used as replacement. Because both products are the same molecule, they have the same structure and the same CAS number. Product specifications are essentially the same. Many of our customers have been very successful using PZE-1000 as a substitute for XAMA[®]7 in their formulation(s), which saves them lab effort and time-to-market.



When looking for a substitute aziridine crosslinker care needs to be taken to distinguish between the two chemical types EI-based and PI- based. The PZE-1000 and XAMA[®] 7 type will react faster than the PI-based type. End users who are accustomed to XAMA[®] 7's speed of reactivity may not be able to use a PI-based product in their processes.

Typical Properties	PZE-1000	XAMA[®]7
CAS Number:	57116-45-7	57116-45-7
Appearance	Clear, slight yellow liquid with amine-like odor	Clear to slight color
Aziridine Content, meq/g	6.5 ó 7.3	6.35 ó 7.0
Aziridine Functionality	3.3	3.3
Density @ 25° C g/ml	1.155 ó 1.175	1.18 ó 1.20
Viscosity, cp @ 25°	<4000	4000 max

The data included herein are based on test information obtained by POLYAZIRIDINE GLOBAL S.L. These data are believed to be reliable but do not imply any warranty or performance guarantee. We recommend that the user determine performance by testing on his own processing equipment. We assume no liability or responsibility for patent infringement resulting from the use of these products.