

ipox[®] EH

modified amine hardeners

PRODUCT	CHEMICAL BASE	HEW	VISCO. η^{25}	POT LIFE 100g, 23°C	GARDNER COLOR NO.	DESCRIPTION	APPLICATION			
		g/eq	mPa s	min	max.		primer	mortar	coloured coating	decorative coating
ipox EH 2041	modified cycloaliphatic amine	95	125 - 225	50	2	- excellent surface properties - very good chemical resistance - fast curing at T > 10°C - long workability time - low tendency to yellowing - nonylphenol free	++	++	++	+
ipox EH 2042	modified cycloaliphatic amine	95	275 - 375	25	2	- faster curing compared to ipox EH 2041 - very good curing at T > 7°C - nonylphenol free	++	++	++	+
ipox EH 2046-1	modified cycloaliphatic amine	75	10 - 30	90	4	- low viscosity - long processing time - curing agent of injection systems	+	+		
ipox EH 2047	modified cycloaliphatic amine	75	150 – 300	30	2	- excellent surface properties - curing at T > 10° - low tendency to yellowing - nonylphenol free	+	+	++	+
ipox EH 2051	modified cycloaliphatic amine	93	100 - 200	50	2	- excellent surface properties - very good chemical resistance - fast curing at T > 10°C - long workability time - low tendency to yellowing	++	++	++	+
ipox EH 2052	modifizierte cycloaliphatische Amine	95	200 - 400	25	3	- faster curing compared to ipox EH 2051 - very fast curing at T > 7°C	++	++	++	+
ipox EH 2061	modified cycloaliphatic amine	92	150 - 250	100	1	- excellent surface properties - long workability time - very low tendency to yellowing	+	++	++	++
ipox EH 2062	modified cycloaliphatic amine	100	350 - 600	45	1	- faster curing compared to ipox EH 2061 - very good chemical resistance - very low tendency to yellowing	+	++	++	++
ipox EH 2072	modified cycloaliphatic amine	115	350 - 450	40	1	- excellent surface properties - long workability time - very low tendency to yellowing - excellent early water spot resistance	++	++	++	++

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ipox EH 2075	modified cycloaliphatic amine	115	300 - 450	40	< 1	- very good surface - long processing time - low tendency to yellowing - very good „early-water“ resistance	+	++	++	+
ipox EH 2076	modified cycloaliphatic amine	115	560 - 860	27	< 3	- very good surface - very good „early-water“ resistance - high chemical resistance	++	+	++	
ipox EH 2078	modified cycloaliphatic amine	122	3500 - 6500	30	3	- very good surface - very good chemical resistance - curing at T > 10°C - nonylphenolfree	+		+	
ipox EH 2092	modified cycloaliphatic amine	95	450 - 700	40	< 6	- hardener for elastified epoxy systems like ipox ER 1092 - nonylphenol free	+	+	+	
ipox EH 2110	modified cycloaliphatic amine	68	30 - 70	80	4	- low viscosity - long processing time	++	+	+	
ipox EH 2117	modified cycloaliphatic amine	95	200 – 400	10	4	- fast curing	+	+	+	
ipox EH 2118	modified cycloaliphatic amine	160	4500 – 8500	10	4	- impact resistente epoxy adhesive - fast curing	+			

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ipox EH 2212	MXDA-Mannichbase	85	450 - 750	15	< 5		- curing at T > 5°C - very good chemical resistance - reactive accelerator - phenolfree, nonylphenolfree, benzyl-alcoholfree	++	++	++	
ipox EH 2213	MXDA-Mannichbase	75	400 - 600	15	< 5		- lower viscosity then ipox EH 2212 - improved surface properties	++	++	++	
ipox EH 2215	MXDA-Mannichbase	70	575-700	15	5		- fast curing at T > 5°C - very good chemical resistance - reactive accelerator - phenolfree, nonylphenolfree, benzyl-alcoholfree	++	++	++	
ipox EH 2240	MXDA-ACN-Adduct	102	470 - 500	> 4h	< 5		- for tough elastic systems with - improved chemical resistance - Co-hardener	+	++	++	
ipox EH 2241	TMD-ACN-Adduct	66	25-40	55	2		- long processing time - excellent surface				
ipox EH 2243	DETA-ACN-Adduct	62	20 - 40	50	2		- long processing time				
ipox EH 2246	IPDA-ACN-Adduct	74	ca.980	-	2		- long processing time				
ipox EH 2260	Etherdiamine	60	5-25	280	1		- low viscosity - long processing time - modifier of the amine hardener		+	++	++
ipox EH 2290	DETA	21	5 - 10	40	1		- low viscosity - fast curing - universal application		+		
ipox EH 2291	TETA	24	20 - 40	40	2		- low viscosity - fast curing - universal application		+		
ipox EH 2293	IPDA	43	5-25	120	2		- low viscosity - raw material - universal application		+		

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ipox EH 2298	2,2'-dimethyl-4,4'-methylene bis(cyclohexylamine)	60	80 - 120	90	2		- low viscosity - long processing time - very good surface	+	+	+	++
ipox EH 2315	modified polyaminoamide	95	50000-65000 at 40°C	120	10		- high viscosity - flexible properties - very good adhesion on substrates and on steel - for coatings, adhesives and for top-coats				
ipox EH 2315x75	modified polyaminoamide	126	750-1250	-	10		- for coating- and corrosion protection systems				
ipox EH 2325	modified polyaminoamide	130	7000-12000 at 40°C	160	10		- high viscosity - for coatings, adhesives and for top-coats				
ipox EH 2340	modified polyaminoamide	95	4000-7000 at 40°C	150	11		- high viscosity - for coatings, adhesives and for top-coats				
ipox EH 2345	modified polyaminoamide	90	2000-4000	145	11		- for coatings, adhesives and for top-coats				
ipox EH 2350	modified polyaminoamide	115	600 - 1200	60	< 11		- excellent adhesion on wet concrete and steel - low viscosity - very hydrophobic - can be accelerated with ipox EH 22132 or ipox EH 2213	++	++		
ipox EH 2900	tertiär amine		190-300		8		catalyst, accelerator				