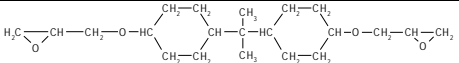


ipox[®] ER

modified epoxy resins

CYCLOALIPHATIC EPOXY RESIN

PRODUCT	CHEMISCHER NAME	STRUCTURE	CAS. Nr	EE	VISCO. η^{25}	GARDNER COLOR NO.	DESCRIPTION
				g/eq	mPa s	(max.)	
ipox ER 15	Hydrierter BPA-diglycidylether		13410-58-7 30583-72-3	225 - 245	2000-3700	< 1	- cycloaliphatic epoxy resin - high hydrophobic character

EPOXY RESINS BASED ON BISPHENOL-A / BISPHENOL-F-DIGLYCIDYLETHER

PRODUCT	CHEMICAL BASE	EE]	VISCO. η^{25}	GARDNER COLOR NO.	APPLICATION
		g/eq	mPa s	(max.)	
ipox ER 1010	Bisphenol A-Diglycidether	ca. 188	ca. 12000	2	solventfree epoxy system
ipox ER 1011	Bisphenol A-Diglycidether solid	475-550	solid	-	solventfree and solventbased epoxy coatings, industrial and powder coatings
ipox ER 1011x75	Epoxy resin (soild)-70% in xylene	580-640	7500-11500	2	solventbased epoxy coatings, industrial and powder coatings
ipox ER 1015	Bisphenol-A/F-Diglycidylether	ca. 160	7000 - 10000	2	solventfree epoxy system high chemical resistance
ipox ER 1016	Bisphenol-F-Diglycidylether	159 - 175	2500 - 5500	1	solventfree epoxy system high chemical resistance
ipox ER 1020	Bisphenol-A-Diglycidether monofunctional RD	ca. 200	ca. 1000	1	solventfree epoxy system; hydrophobic character, improved wetting of the fillers and substrate
ipox ER 1022	Bisphenol-A-Diglycidether monofunctional RD	190 - 210	700 - 1000	1	solventfree epoxy system; hydrophobic character, chemical resistance coatings

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EPOXY RESINS BASED ON BISPHENOL-A / BISPHENOL-F-DIGLYCIDYLETHER

product	Chemical Base	Ee]	Visco. η ₂₅	Gardner color no.	application
		g/eq	mPa s	(max.)	
ipox ER 1042	Bisphenol-A/F monofunctional RD	188 - 202	900 - 1200	1	solventfree epoxy system; hydrophobic character, improved wetting of the fillers and substrate
ipox ER 1042-7	Bisphenol-A/F monofunctional RD	186 - 208	550 - 850	1	lower viscosity than ipox ER 1042
ipox ER 1044	Bisphenol-A/F- Diglycidylether; contains benzylic alcohol	200 - 225	850 - 1050	2	Primer- and injection resin in construction
ipox ER 1052	Bisphenol-A/F- Diglycidylether bifunctional RD	164 - 176	600 - 900	< 1	solventfree epoxy system; fast curing very good solvent resistance
ipox ER 1052-5	Bisphenol-A/F- Diglycidylether bifunctional RD	164 - 176	450 - 650	< 1	lower viscosity than ipox ER 1052
ipox ER 1052-9	Bisphenol-A/F- Diglycidylether bifunctional RD	164 - 174	700 - 1000	< 1	lower viscosity than ipox ER 1052
ipox ER 1054	Bisphenol-A/F- Diglycidylether bifunctional RD	160 - 180	900 - 1400	< 1	solventfree epoxy system very good chemical resistance
ipox ER 1062	Bisphenol-A/F- Diglycidylether bifunctional RD	172 - 188	700 - 1000	< 1	solventfree epoxy system very good chemical resistance
ipox ER 1092	Bisphenol-A/F- Diglycidylether elastified	ca. 315	ca. 8000	< 2	elastified epoxy systems