

Epoxy Resins Portfolio

Resins	Viscosity @ 25 °C, mPa.s	Equivalent weight, g/Eq	Gardner color	Uses and comments
E-Pos 101X75	6000 - 14000	450 - 500 ^a	≤1	Solid bisphenol A-based resin in xylene solution (75% m/m). For solventbased (anticorrosive) coatings.
E-Pos 327H	10000 - 12000	182 - 188	≤1	Low viscosity bisphenol A-based resin. For solventfree coatings, civil engineering, composites, electrical applications.
E-Pos 328	12000 - 15000	184 - 190	≤1	Standard bisphenol A-based resin. For solventfree coatings, civil engineering, composites, electrical applications.
E-Pos 334X80	800 - 1400	230 - 270 ^a	≤1	Semi-solid bisphenol A-based resin in xylene solution (80% m/m) For solvent-based/high-solids coatings.
E-Pos 362	2000 - 5000	160 - 180	≤2	Standard bisphenol F-based resin. For solventfree coatings, civil engineering, composites, electrical applications.
E-Pos 433	3800 - 5400	166 - 179	≤1	Low viscosity bisphenol A/bisphenol F-based resin. For solventfree coatings, mortars, adhesives, filament winding and electrical insulation. Resistant to crystallization.
RD-097	6500 -9500	174 - 187	≤1	Medium viscosity bisphenol A/bisphenol F-based resin. For solventfree coatings, mortars, adhesives, filament winding and electrical insulation. Resistant to crystallization.
E-Pos 514	500 - 800	190 - 200	≤1	Bisphenol A- based resin diluted with an epoxidised alcohol. For solventfree coatings, civil engineering, electrical applications and adhesives. Low viscosity, good wetting of substrate and pigments/fillers.
E-Pos 530	800 - 1500	210 - 225	≤8	Bisphenol A-based resin diluted with a reactive diluent of natural source. For civil engineering applications. Good chemical and water resistance. Good flexibility. Resistant to crystallization.
E-Pos 540	700 - 1100	185 - 205	≤1	Bisphenol A/bisphenol F-based resin diluted with an epoxidised alcohol. For solventfree coatings, civil engineering and electrical applications. Good flexibility.
E-Pos 541	500 - 800	185 - 205	≤1	Low viscosity version of E-Pos 540.

a on 100% solid resin

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E-Pos 558	600 - 800	170 - 180	≤1	Bisphenol A/bisphenol F-based resin diluted with a bifunctional reactive diluent. For solventfree coatings and civil engineering applications. Very good chemical resistance. Resistant to crystallization.
E-Pos 602X90	2000 - 4000	250 - 270 ^a	≤3	Modified flexibilised resin. For high-solids (anticorrosive) coatings.
E-Pos 838 / E-Pos 838K80	230 - 310 ^b	170 - 190 ^a	≤3	Semi-solid phenol-novolac epoxy resin (also available as 80% solids in methyl ethyl ketone solution). For adhesives, composites and coatings. High epoxy functionality, outstanding chemical resistance and high temperature resistance.
E-Pos 931	3400 - 4000	220 - 245	≤1	Cycloaliphatic resin. For solventfree coatings, e.g. on wood. Excellent UV resistance.
E-Pos 941	500 - 1100	159 - 182	≤1	Cycloaliphatic resin. For heat cure applications, in particular electricals, for outdoor use.
E-Pos 1011W55	800 - 5000	480 - 560 ^a	Milky white	Aqueous dispersion of solid epoxy resin. For anticorrosive, industrial coatings and civil engineering applications (concrete sealers). Long pot-life, very good chemical resistance and mechanical properties.

a on 100% solid resin b 80% MethylEthylKetone solution

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