



Company Instruction

Founded in 2004 and located in Tai'an, China, Tervan is a professional manufacturer of high-quality epoxy resin. The products mainly cover four series of Novolac Epoxy Resin, Bisphenol F Epoxy Resin, Bisphenol A Epoxy Resin and Modified Epoxy Resin, with business spanning over more than 50 countries and regions around the world.

Tervan is committed to the R&D and production of ultra-high purity epoxy resin, to provide high-quality products and services for downstream customers, helping to promote technological progress in applications as high-end electronic electrical appliances, composite materials, adhesives, and coatings, etc.

Driven by the goal of "To be advanced level in the world, to be first-class in China", Tervan actively pursues the mission of "seeking happiness for employees, seeking development for the enterprise, and contributing to society", adhere to the road of high-quality development, and dedication to the community and the epoxy resin application industry to contribute to the sustainable development of the industry.



Tervan Products

1. Bisphenol-F Epoxy Resin (BPF)

Grade	Appearance	Colour (G)	Epoxide Eq . Weight (EEW g/eq)	Hydrolyzable Chlorine (%)	Viscosity (cps,25°C)	Comments and Application
DF170	Transparent, Liquid	≤0.5	160-180	≤0.03	3000-4000	Low viscosity, good levelling, can be used as reactive diluent applied to wind power blade prepreg, electronic potting compounds, vinyl resin, coating, carbon fiber composites, inks, etc
DF175	Transparent, Liquid	≤0.5	165-180	≤0.03	4000-5000	Higher viscosity than DF170, applied to wind power blade prepreg, electronic potting compounds, vinyl resin, coating, carbon fiber composites, inks, etc
DF180	Transparent, Liquid	≤0.5	170-190	≤0.03	5000-7000	Mixed type, applied to wind power blade prepreg, electronic potting compounds, vinyl resin, coating, carbon fiber composites, inks, etc

Packing: 240KG drum, IBC tank, ISO tank

2. Novalac Epoxy Resin (EPN)

Grade	Colour (G)	Epoxide Eq . Weight (EEW g/eq)	Hydrolyzable Chlorine (%)	Melt Viscosity (G,25°C)	Comments and Application
DF631	≤0.5	170-180	≤0.10	/	Low viscosity novolac epoxy resin
DF51	≤0.6	172-180	≤0.10	/	Excellent heat resistance and insulation, applied to inks, insulating materials, heavy duty anticorrosive coatings, adhesives, etc
DF44	≤0.6	172-180	≤0.10	/	Excellent heat resistance and insulation, applied to inks, insulating materials, heavy duty anticorrosive coatings, adhesives, etc
DF48	≤0.6	174-190	≤0.20	/	Excellent heat resistance and insulation, applied to inks, insulating materials, heavy duty anticorrosive coatings, etc
DF50	≤0.6	174-190	≤0.20	/	Higher softening point, applied to insulation products, inks, etc
DF638	≤0.4	174-180	≤0.03	H-K	Excellent heat resistance and high insulation properties, applied to Vinyl resin, phosphorus-containing epoxy, prepregs, inks, etc
DF638S	≤0.4	175-180	≤0.02	H-K	Excellent heat resistance and high insulation properties, applied to Vinyl resin, phosphorus-containing epoxy resin, prepregs, inks, etc
DF638P	≤0.4	174-180	≤0.02	H-K	Total chlorine ≤1200ppm, applied to ltra-high voltage, printed circuit board, electronic potting materials, etc

Packing: 220KG drum

3. Bisphenol-A Epoxy Resin (BPA)

Grade	Colour (Pt-Co)	Epoxy Eq . Weight (EEW g/eq)	Hydrolyzable Chlorine (%)	Viscosity (cps,25°C)	Comments and Application
DY127	≤15	180-184	≤0.035	10000-10500	Composite materials, electronic materials, coatings, adhesives,etc
DY127E	≤15	180-184	≤0.02	9500-10000	Composite materials, electronic materials, coatings, adhesives,etc
DY128	≤15	185-188	≤0.035	12000-13000	Composite materials, electronic materials, coatings, adhesives,etc
DY128F	≤15	185-188	≤0.025	13000-14000	Fibreglass reinforced plastic (FRP) winding and other composite materials
DY128E	≤15	185-188	≤0.02	12000-13000	Composite materials, electronic materials, coatings, adhesives,etc
DY128R	≤15	185-195	≤0.30	12000-16000	Non-Crystallizable
DY128A	≤10	185-188	≤0.03	12000-13000	Good color, applied to optical materials, jewellery adhesive, handicrafts, etc
DY128P	≤15	185-188	≤0.03	12000-13000	Total chlorine≤900ppm, applied to ltra-high voltage, printed circuit board,electronic potting materials,etc
DY128D	≤40	185-188	≤0.10	12000-14000	Applied to primer or middle coating
DY6101D	≤40	210-250	≤0.30	14-23°C	Applied to anti-corrosion Coating
DY6101	≤20	210-222	≤0.30	14-23°C	One-step method

Packing: 240KG drum, IBC tank, ISO tank

4. Two-step Epoxy Resin

Grade	Appearance	Colour (Pt-Co)	Epoxy Eq . Weight (EEW g/eq)	Softening Point (°C)	Hydrolyzable Chlorine (%)	Comments and Application
E-39D	Transparent	≤20	244-263	27-35	≤0.03	Inductor casting, electrical potting, carbon fibre prepreg, glass fibre infiltrant, insulating material,etc
DY134	Transparent	≤20	230-270	23-36	≤0.03	Inductor casting, electrical potting, carbon fibre prepreg, glass fibre infiltrant, insulating material,etc
E-44	Transparent	≤20	210-240	14-23	≤0.03	Inductor casting, electrical potting, carbon fibre prepreg, glass fibre infiltrant, insulating material,etc

Packing: 220KG drum

5.Solvent-based Epoxy Resin

Grade	Appearance	Colour (Pt-Co)	Epoxide Eq . Weight (EEW g/eq)	Hydrolyzable Chlorine (%)	Volatile Matter (%)	Solvent	Comments and Application
DY128M90	Transparent, Liquid	≤20	183-190	≤0.03	9-11	Solution of DY128 in butanone	copper clad laminate
E20-X75	Transparent, Liquid	≤30	450-500	≤0.03	24-26	Solution of E20 in Xylene	Applied to anti-corrosion coating, primer coating on flooring, etc
E20-M80	Transparent, Liquid	≤30	450-500	≤0.03	19-21	Solution of E20 in butanone	halogen-free copper-clad laminate
E20-A80	Transparent, Liquid	≤30	450-500	≤0.03	19-21	Solution of E20 in acetone	halogen-free copper-clad laminate

Packing:180KG drum,IBC tank, ISO tank

6.Phosphorus-containing Epoxy Resin

Grade	Colour (G)	Epoxide Eq . Weight (EEW g/eq)	Hydrolyzable Chlorine (%)	Volatile Matter (%)	P content (%)	Comments and Application
DY251-A75	<3	283-303	≤0.02	24-26	2.2	Halogen free flame retardant, applied copper cladding boards, flame retardant composite materials,etc
DY252-A70	<3	310-330	≤0.02	29-30	2.5	Halogen free flame retardant, applied copper cladding boards, flame retardant composite materials,etc
DY253-A70	<3	330-370	≤0.02	29-30	3.3	Halogen free flame retardant, applied copper cladding boards, flame retardant composite materials,etc
DY253	<3	330-370	≤0.02	0.1	3.3	Solid, applied to flame retardant composite materials

Packing:220KG drum,IBC tank, ISO tank



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