

RESIN	TYPE	GRADE	FIRE RETARDANT	CLASS	FLAME RATING	FLAME SPREAD INDEX	SMOKE DEVELOPED INDEX	STANDARD
FFR	Polyester	Food	Yes	B	35 or Less	--	--	ASTM E-84
SFF	Polyester	Food	Yes	B	30 or Less	--	--	ASTM E-84
SGF	Polyester	Architectural	Yes	A	25 or Less	--	--	ASTM E-84
SPF	Polyester	Industrial	Yes	A	25 or Less	--	--	ASTM E-84
SPH	Phenolic	Industrial/High Temperature	Yes	A	25 or Less	10	10	ASTM E-84
SVF	Vinyl Ester	Chemical	Yes	A	25 or Less	--	--	ASTM E-84
XVE	Vinyl Ester	Chemical/High Flame	Yes	A	10 or Less	10	10	ASTM E-84
NFR	Various Composites	--	No	--	NFR	--	--	Non-Fire Retardant

- FFR Polyester Resin is food grade and fire retardant (food compatible ingredients are used in the fire-retardant additive), meeting the requirements for a Class B flame rating of 35 or less per the ASTM E-84 Standard.
- SFF Polyester Isophthalic Resin is food grade and fire retardant, meeting the requirements for a Class B flame rating of 30 or less per the ASTM E-84 Standard.
- SGF Polyester Orthophthalic Resin is architectural grade, fire retardant, and meets the requirements for a Class A flame rating of 25 or less per the ASTM E-84 Standard.
- SPF Polyester Resin is fire retardant and meets the requirements for a Class A flame rating of 25 or less per the ASTM E-84 Standard.
- SPH Phenolic Resin is extremely fire retardant, meets the requirements for a Class A flame rating of 25 or less per the ASTM E-84 Standard, and has a flame spread index and a smoke developed index of 10.
- SVF Vinyl Ester Resin is highly resistant to a wide variety of harsh chemicals, is fire retardant, and meets the requirements for a Class A flame rating of 25 or less per the ASTM E-84 Standard.
- XVE Vinyl Ester Resin is highly resistant to a wide variety of harsh chemicals, is extremely fire retardant, and meets the requirements for a Class A flame rating of 10 or less per the ASTM E-84 Standard. XVE has a flame spread index and smoke developed index of 10.
- NFR is made of various composites, is not fire retardant, and therefore does not have a flame rating per the ASTM E-84 Standard.

