



Primaset® Cyanate Ester Resins

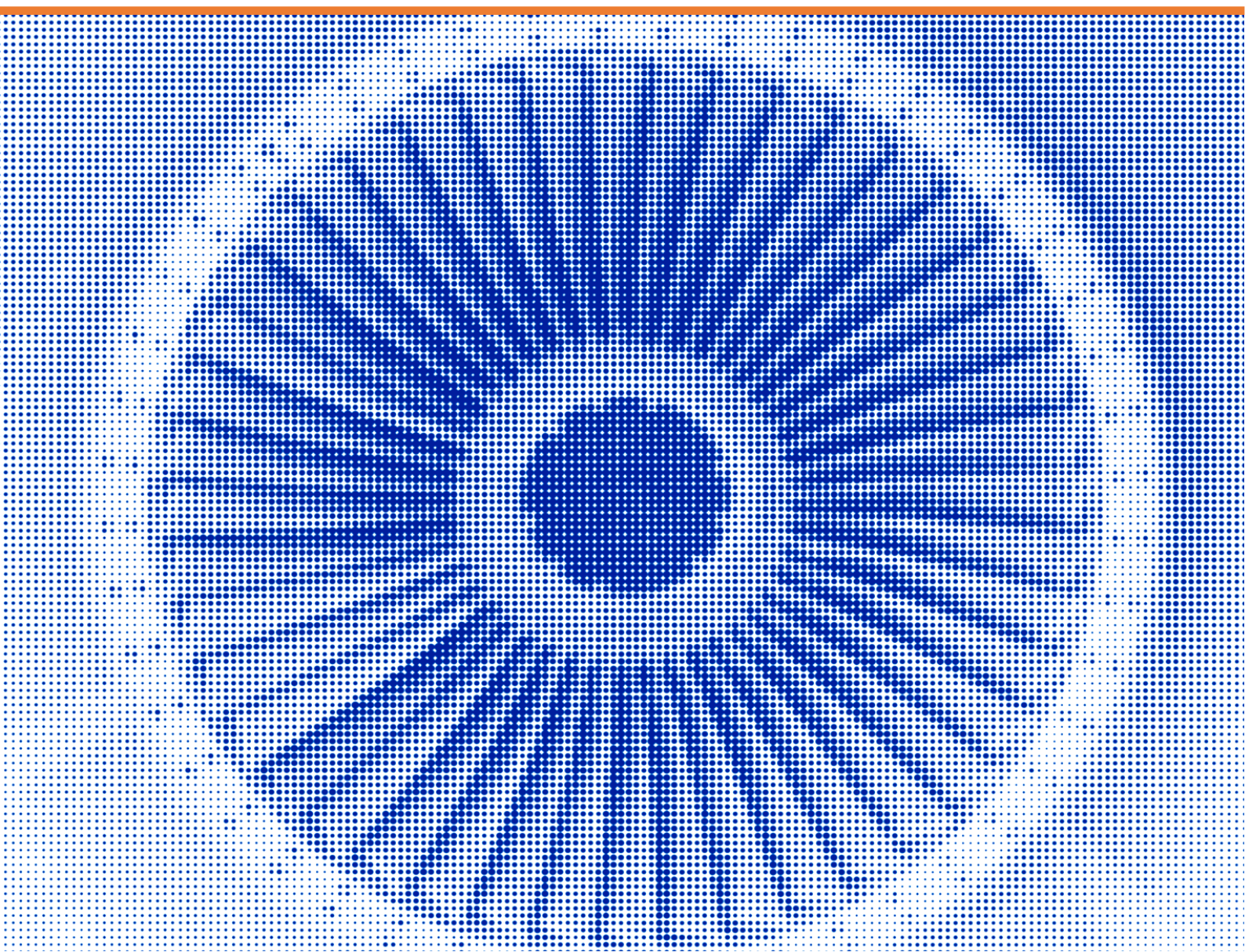
Leading Edge High Performance Thermoset Resins



Composite Materials

Primaset® Cyanate Ester Resins for high-end electronics, aerospace, and industrial applications.

Cyanates are a novel class of high performance thermoset resins. They are characterized by glass temperatures up to 400°C (800°F), excellent dielectric and mechanical properties and an epoxy like processing. Areas of use are electronics, aerospace, automotive and industrial composites and compounds.



Primaset® High Performance Materials

Product grade	Resin content	Appearance	Viscosity at temperature		Tg*
	(%w)		(mPa*s)	(°C)	(°C)
Primaset® BADCy	100	Solidified melt	10	90	320
Primaset® BA-200	100	Semi-solid	450	80	320
Primaset® BA-230 S	75	Liquid	450	25	320
Primaset® BA-3000	100	Semi-solid	1'000	95	310
Primaset® BA-3000 S	75	Liquid	450	25	310
Primaset® BA-4000	100	Semi-solid	500	95	310
Primaset® BA-4000 S	75	Liquid	400	25	310
Primaset® DT-4000	100	Semi-solid	3'500	70	285
Primaset® DT-7000	100	Semi-solid	12'000	70	280
Primaset® HTL-300	100	Semi-solid	200	95	280
Primaset® METHYLCy	100	Solidified melt	10	110	275
Primaset® LECy	100	Liquid	80	25	305
Primaset® LVT-50	100	Semi-solid	40	60	320
Primaset® LVT-100	100	Liquid	300	25	320
Primaset® PT-15	100	Semi-solid	30	80	325
Primaset® PT-30	100	Solidified melt	400	80	>400
Primaset® PT-30 S	80	Liquid	300	20	>400
Primaset® PT-60	100	Solidified melt	10'000	90	>400
Primaset® PT-60 S	75	Liquid	225	25	>400
Primaset® ULL-950 S	75	Liquid	400	25	280
Primaset® LM-500	100	Solidified melt	40	95	210
Primaset® LMP-500	100	Solidified melt	700	80	210
Primaset® LMP-500 S	75	Liquid	450	25	210
Primaset® CL-100	100	Liquid	500	25	275

* Properties measured after mold curing of 10 min @ 165-185°C and a free-standing post-cure of
Sources: Arxada internal measurements and third party data for equivalent / similar chemistries on file



Switzerland

Arxada Ltd
Peter Merian-Strasse 80
CH-4052 Basel
Tel +41 61 316 81 11

USA

Arxada LLC
412 Mt. Kemble Ave
Suite 200S
Morristown, NJ 0796
Tel +1 800 777 1875

compositematerials@arxada.com
www.arxada.com

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