

Primaset® Cyanate Ester Resins

Leading Edge High Performance Thermoset Resins



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

Introduction

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.

Product grade	Resin content [%]	Appearance	Viscosity at temperature		Tg*
			[mPa *× s]	[° C]	[° C]
Primaset® BA-200	100	Semi-solid	450	80	>320
Primaset® BA-230 S	75	Liquid	450	25	320
Primaset® BA-3000	100	Semi-solid	12,000	70	> 300
Primaset® BA-3000 S	75	Liquid	250	25	> 310
Primaset® BTP-6020 S	65	Liquid	150	25	260
Primaset® CE-320	100	Viscous liquid	< 200	80	320
Primaset® DT-4000	100	Semi-solid	3500	70	285
Primaset® DT-7000	100	Semi-solid	12,000	70	280
Primaset® HTL-300	100	Semi-solid	200	95	260
Primaset® LECy	100	Liquid	80	25	305
Primaset® LVT-50	100	Semi-solid	40	60	>320
Primaset® PT-15	100	Solid	30	80	> 325
Primaset® PT-30	100	Viscous liquid	400	80	> 400
Primaset® PT-30 S	80	Liquid	300	20	> 400
Primaset® PT-60	100	Semi-solid	10,000	90	> 400
Primaset® PT-60 S	75	Liquid	225	25	> 400
Primaset® ULL-950S	75	Liquid	450	25	280

*: Tg [° C] tan δ by DMA based on the cure cycle: 1h@150° C + 3h@200° C + 1h@260° C

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