

Tetrafunctional Azomethine-Type Epoxy TGEPTA

- ◆ Tetrafunctional epoxy compound with a rigid mesogenic structure.
- ◆ Cures with amine or phenol hardeners.
- ◆ Demonstrates Tg-less high heat resistance, low CTE, and excellent thermal conductivity

General Information

Chemical Name	N,N' -[[2,2-Bis[[4-[[[4-(2-oxiranyl methoxy)phenyl]imino]methyl]phenoxy]methyl]-1,3-propanediyl]bis(oxy-4,1phenylene methyldidyne)]bis[4-(2-oxiranylmethoxy)benzenamine]
CAS	1624263-37-1
Molecular Weight	1141.3
Melting Point	172°C
Physical Form	White Powder

Cured Material Properties

	TGEPTA	Bis-A Epoxy
T _g	—	180 °C
T _{d5%}	274 °C	266 °C
T _{d10%}	320 °C	271 °C
Thermal Conductivity (100°C)	0.37 W/m K	0.23 W/m K

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