

Advanced Materials**Araldite® MY 790-1****DISTILLED LOW VISCOSITY EPOXY RESIN**

GENERAL	Araldite® MY 790-1 is a high purity distilled epoxy resin. It can be used in combination with a variety of epoxy curing agents. When combined with liquid anhydride curing agents it can be used to formulate impregnation systems for high voltage electrical insulation applications.	
APPLICATIONS	Electrical impregnation systems Casting systems Filament winding Wire and cable insulation Electrical generators Electrical motors	
ADVANTAGES	High purity Low viscosity Excellent dielectric properties that remain low over a wide range of temperatures	
TYPICAL PROPERTIES*	Color, Gardner	<1
	Epoxy Value, eq./kg	5.70 – 5.90
	Epoxy Equivalent, g/eq.	169 - 176
	Hydrolyzable chloride, ppm	<250
	Total chloride, ppm	<1,500
	Density @ 25°C (77°F), g/cm ³ (lb/gal.)	1.15 – 1.20 (9.6-10.0)
	Viscosity, mPa s (cPs) @ 25°C (77°F)	4,000 – 5,500
	Viscosity, mPa s (cPs) @ 70°C (158°F)	60 – 80
	Melting temperature, °C (°F)	50 – 55 (122-131)
	Flash Point, closed Cup, °C (°F)	>200 (>392)
May crystallize during storage due to high purity. Can be liquefied by stirring at 60°-70°C		
* Typical properties are based on Huntsman's test methods. Copies are available upon request.		
STORAGE	Araldite MY 790-1 should be stored in a dry place, preferably in the sealed original container, at temperatures between 18°C and 40°C (64°F and 104°F).	

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First Aid!

Refer to MSDS as mentioned above.

KEEP OUT OF REACH OF CHILDREN**FOR PROFESSIONAL AND INDUSTRIAL USE ONLY**

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