

5199

Solid Epoxy Resin

SR 5199 is an unmodified high molecular weight epoxy resin based on Bisphenol A.

	Property	Value	Test method
Specific key data	Appearance	Clear, no contamination	JCTM 002
	Color, Gardner*	2 max	ASTM D-1544
	Epoxy value	0.34 - 0.42 eq/Kg	ASTM D-1652
	Weight per epoxide	2380 - 2940 g/eq	ASTM D-1652
	Viscosity at 25°C (77°F)*	5000 - 10000 mPa.s	ISO 12058-1
	<i>*40% in butyl carbitol</i>		
Typical key data	Softening point, Mettler	143 - 158°C	ASTM D-3461
	Density at 25°C	~ 1.20 g/cm ³	ISO 8130
	Flash point	≥ 200°C	ISO 2592
	Hydroxyl content	~ 3.4 eq/kg	ISO 4629

