

# NORYL™ SA9000 resin

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## SABIC Innovative Plastics

### 产品说明

NORYL SA9000 resin is a modified low molecular weight resin with vinyl end-groups. It is well suited for use with other unsaturated monomers and resins which cure via free radical reactions. These include styrenic, allylic, acrylic, maleimide, methacrylic, and unsaturated polyesters monomers and resins. It has a low solution viscosity and outstanding solubility in toluene & methyl ethyl ketone (MEK). Key application areas are in electronic packaging which include PCB laminates, copper clad laminates, non-epoxy prepregs, and adhesives. The use of NORYL SA9000 is especially advantageous in insulating materials where very low dielectric properties and decreased moisture absorption are required.

### 基本信息

特性	低分子量	低粘度	吸水低或不吸水
用途	包装	电气/电子应用领域	绝缘材料
RoHS 合规性	RoHS 合规		

物理性能	额定值	单位制	测试方法
比重	1.02	g/cm <sup>3</sup>	ASTM D792
Mn	2300		内部方法
Phenolic End-group Content	300	ppm	内部方法
Tg (half width)	160	°C	内部方法
Vinyl Functionality	1.90		内部方法
固有粘度	0.090	dl/g	内部方法
可溶性			内部方法
Methyl Ethyl Ketone : 21°C	50.0	wt%	内部方法
Toluene : 21°C	50.0	wt%	内部方法
粘度			内部方法
50 wt% in methyl ethyl ketone : 25°C	160	mPa s	内部方法
50 wt% in toluene : 25°C	298	mPa s	内部方法

电气性能	额定值	测试方法
介电常数 (1 MHz)	2.54	ASTM D150
耗散因数 (1 MHz)	7.0E-4	ASTM D150