



## Technical Data Sheet

<b>MATERIAL:</b>	Poly(n-vinyl carbazole)	
<b>CATALOG NUMBER:</b>	093	
<b>CAS NUMBER:</b>	25067-59-8	
<b>DESCRIPTION:</b>	Homopolymer of n-vinyl carbazole	
<b>FORMULA:</b>	$(C_{14}H_{11}N)_x$	
<b>TYPICAL PROPERTIES:</b>	Appearance:	Powder
	Approx Mw:	90,000 [GPC]
	Density:	1.20
	Glass transition temp:	227°C
	Refractive index:	$n_D^{20}$ 1.683
	Solubility:	Benzene, chloroform, dichloromethane, dioxane, THF, toluene

**GENERAL INFORMATION:** The polymer exhibits excellent electrical insulation characteristics over a wide range of temperature and frequency and has found application as an insulator in continuous high temperature use. When compounded with compounds such as trinitrofluorenone, PVK gives good results as a photoconductor.

**STRUCTURE:**

