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### Technical Data Sheet

Grade		SC28= RV2.8			
Item		Unit	Values	Test Method	GB follow ISO
Properties	Relative Viscosity (25°C, 96% H <sub>2</sub> SO <sub>4</sub> , m:v=1:100)	-	2.80±0.07	RD-03-030-PA-I02	N/A
	Moisture Content	%	≤0.06	RD-03-030-PA-I02	N/A
	Extractables	%	≤0.5	RD-03-030-PA-I02	N/A
Mechanical Properties	Tensile Strength	MPa	71.2	GB/T 1040-2006	ISO 527:1993
	Elongation	%	70	GB/T 1040-2006	ISO 527:1993
	Tensile Modulus	MPa	2770	GB/T 1040-2006	ISO 527:1993
	Bending Strength	MPa	89.2	GB/T 9341-2008	ISO 178:2001
	Flexural Modulus	MPa	2098	GB/T 9341-2008	ISO 178:2001
	Charpy Notched Impact Strength	KJ/m <sup>2</sup>	9.3	GB/T 1043-2008	ISO 179:2000
	Hardness	R	98.14	GB/T 3398.2-2008	ISO 2039-2:1987
Electrical Properties	Surface Resistivity	Ω	3.7×10 <sup>12</sup>	GB/T 1410-2006	IEC 60093:1980
	Volume Resistivity	Ω.cm	2.0×10 <sup>13</sup>	GB/T 1410-2006	IEC 60093:1980
Thermal Properties	Melting Temperature	°C	220	ISO 11357-3:2011	N/A
	Heat Distortion Temperature	°C	53	GBT 1634.1-2004	ISO 75-1:2003
Application		Engineering Plastic Civil Spinning			



Above data are typical values measured in the laboratory by our company, and are not to be interpreted as product specifications.