

# Shanghai Real-Tech New Material Co., Ltd

## Certificate of Analysis

Date: May.25, 2016

Product Name: SAP		Grade: cable grade	
Batch No.: 201605022		Quantity: 2000KG	
Production Date: May.22, 2016		Expire Date: May.21, 2018	
Test Items	Specification	Test Result	
Absorption deionized water	$\geq 320$ ml/g	380ml/g	
pH value	5.5-7	6.5	
Residual Monomer	$\leq 400$ ppm	100ppm	
Density	0.6g/cm <sup>3</sup> -0.7g/cm <sup>3</sup>	0.69g/cm <sup>3</sup>	
Deionized water swelling height of the test (20 °C mm/min)	Test method: 0.2g SAP to swelling box, pour into water, the write 1min to 3min swelling height.	16 mm/1min 19 mm/2min 20 mm/3min	
Particle size	150-210 $\mu$ m(70-100 mesh)	7%	
	120-106 $\mu$ m(100-150mesh)	52%	
	75-106 $\mu$ m(150-200mesh)	38%	
	75-58 $\mu$ m(200-250mesh)	3%	
Conclusion		It conforms to cabel grade	

