Name		jDB09		jDB10		jDB11		jDB12	
Date		111021		111021		111021		111021	
Seed dispersion	Core-shell suspension	8.00 ml	CS018	8.00 ml	CS019	8.00 ml	CS020	8.00 ml	CS021
	Water	3.50 ml		3.50 ml		3.50 ml		3.50 ml	
	1% F108	1.00 ml		1.00 ml		1.00 ml		1.00 ml	
Ionic Co-polymer solution	4-vinylbenzenesulfonate	0.007 gr		0.007 gr		0.007 gr		0.007 gr	
	water	8.00 ml		8.00 ml		8.00 ml		8.00 ml	
Monomers	1st monomer	0.94 ml	Styrene	0.94 ml	Styrene	0.94 ml	Styrene	0.94 ml	Styrene
	2nd monomer	0.00 ml	TMSPA	0.00 ml	TMSPA	0.00 ml	TMSPA	0.00 ml	TMSPA
	3rd monomer								
Initiator	Initiator	0.005 gr	AIBN (new)	0.005 gr	AIBN (new)	0.005 gr	AIBN (new)	0.005 gr	AIBN (new)
Reaction Conditions	Temperature	70 C		70 C		70 C		70 C	
	Tumbling speed	300 RPM		300 RPM		300 RPM		300 RPM	
Factors determining recipe	Volume fraction of core-shell suspension	0.117	CS018	0.117	CS019	0.117	CS020	0.117	CS021
	Total monomer swelling Ratio (vol/vol)	1.00		1.00		1.00		1.00	
	Ratio of TMSPA to total new monomer (vol/vol)	0.00		0.00		0.00		0.00	
Calculations	Theoretical yield volume fraction	0.131		0.131		0.131		0.131	
Ionic Co-polymer solution recipe	Water	35.20 ml							
	4-vinylbenzenesulfonate	0.033 gr							
Monomer solution recipe	Styrene	4.12 ml							
	TMSPA	0.00 ml							
	AIBN	0.021 gr							