



POLYMER MODIFIED EMULSION SPECIFICATION TABLE

PROPERTIES	RS-1P	RS-2P	CRS-2P	CSS-1P	HF-150SP	HF-150MP	CQS-1HP	SS-1P	HP-200P
Tests on Emulsion	min-max	min-max	min-max	min-max	min-max	min-max	min-max	min-max	min-max
Viscosity, SF, 25°C, SFs	20 – 100			20 – 100			20 – 100	20 – 60	
Viscosity, SF, 50°C, SFs		75 – 300	75 – 400		35 - 150	50 min			100 - 250
Sieve Test, #20, %	0.2 max	0.2 max	0.2 max	0.1 max	0.1 max	0.1 max	0.1 max	0.1 max	0.1 max
Settlement, 5 days, %							5 max	5 max	3 max
Storage Stability, 24h, %	1 max	1 max	1 max	1 max	1.5 max	1.5 max			
Demulsibility, 35ml CaCl ₂ 0.02N, %	60 min	60 min							
Demulsibility, 50ml CaCl ₂ 0.1N, %					75 min	75 min			
Demulsibility, 35ml DOSS 0.8%, %			40 min						
Cement Mixing Test, %								2 max	
Coating Test, %				80 min	Pass	Pass			
Residue by Distillation, 260°C, %									
Residue by Distillation, 204°C, %	55 min	60 min	65 min	57 min	62 min	62 min	62 min	55 min	65 min
Oil Portion of Distillate (V/M), %			3 max		0.5 - 4	1 - 6			
Particle Charge	(-)	(-)	(+)	(+)	(-)	(-)	(+)	(-) or 0	(-)
Tests on Residue									
Penetration, 25°C, dmm	100 - 200	100 - 200	100 - 250	100 - 250	150 - 250	150 - 250	40 - 90	100 – 200	75 - 200
Ash Content, % mass of res	1 max	1 max	1 max	0.8 max	1 max	1 max	1 max	1 max	1 max
Force Ductility, 4°C	0.5 min	0.5 min	0.5 min						
Softening Point (R&B), °C							57 min		
Elastic Recovery, 10°C, %	55 min	55 min	55 min	55 min	55 min	55 min			55 min
Float Test, 60°C, sec					1200 min	1200 min			

