

## CPE/CM Chlorinated Polyethylene

### The technical specification

Item	Unit	CPE for plastic field					CM for rubber field									
		135A	3135	7130	5236	2135	135B	6035	6135	6235	6335	140B	6140	6240	4135	
Chlorine content	%	35±1	35±1	30±1	36±1	35±1	35±1	35±1	35±1	35±1	35±1	40±1	40±1	40±1	35±1	
Heat of fusion	J/g	≤	2.0	2.0	2.0	1.5	16-24	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.0	
Volatiles	%	≤	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	
Sieving remainder (0.8mm sieve)	%	≤	2.0	2.0	2.0	2.0	-	-	-	-	-	-	-	-	2.0	
Bulk density	g/ml	≥	0.50	0.50	-	-	-	-	-	-	-	-	-	-	-	
Impurity particles	Pieces/200g	≤	40	30	30	30	30	-	-	-	-	-	-	-	30	
Shore hardness(A)		≤	65	65	70	60	75	60	60	60	60	60	57	57	62	
Time of stability	Min(165℃)	≥	8	8	8	8	8	-	-	-	-	-	-	-	8	
Calcium content	%	≤	2.1	2.1	2.1	2.1	-	-	-	-	-	-	-	-	-	
Tensile strength	MPa	≥	6.0	6.0	8.0	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	
Elongation at break	%	≥	600	600	800	800	700	600	600	600	600	500	500	500	-	
Mooney viscosity	ML <sub>1+4</sub> <sup>125℃</sup>		-	-	50-70	80-100	-	45-85	80-105	65-72	70-80	45-65	90-115	70-90	50-80	85-100
Melt Index	(190℃,21.6kg)	≥	-	-	-	-	40	-	-	-	-	-	-	-	-	

Remarks: If customers have special requirements with regard to the above data or need additional test items, Please notify us and we will manage to meet your requirements.