1.

1.

1.1.

1.2.

1.3.

1.4.

1.5.

1.6.

2.

2.1.

2.1.1.

2.1.2.

2.2.

2.2.1.

2.2.2.

2.3.

2.4.

2.5.

3.

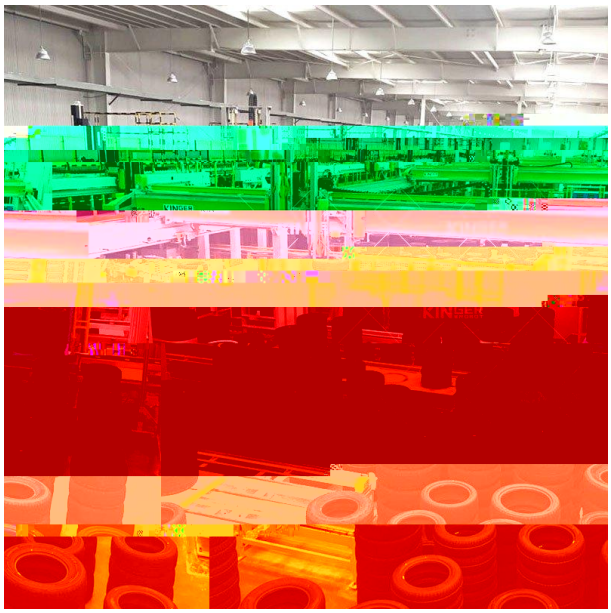
3.1.

3.2.

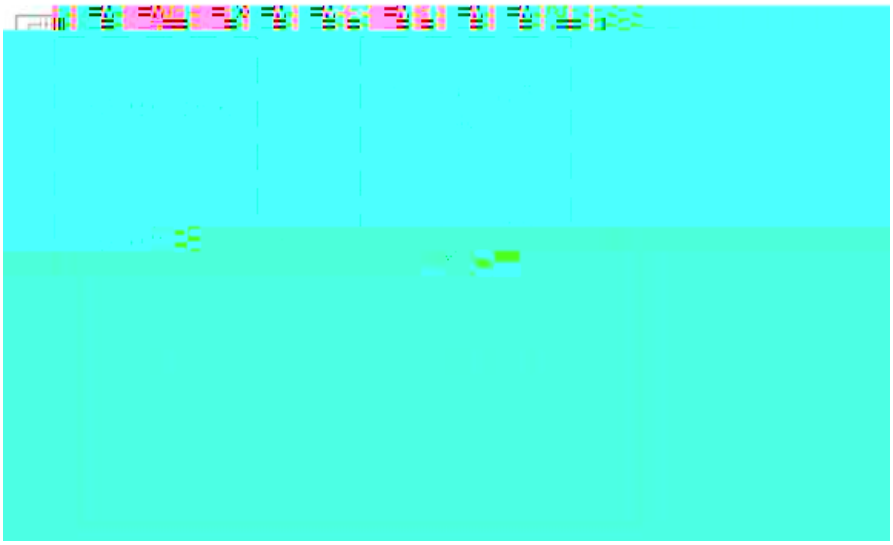
3.3.

1)

2)



3)



4)

3.4.

4.

4.1.

4.2.

		1	—	—	—	—	—	—
	1	Q235A	4200	kg/	CO_2	2.34E+00	kgCO_2/kg	CPCD
	2	Q235B	245	kg/	CO_2	2.53E+00	kgCO_2/kg	CPCD
	3		10300	kg/	CO_2	2.88E+00	kgCO_2/kg	CPCD
	4		15	kg/	CO_2	3.08E+00	kgCO_2/kg	CPCD
	5	ABS	70	kg/	CO_2	2.88E+00	kgCO_2/kg	CPCD
	6	PU	50	kg/	CO_2	5.21E+00	kgCO_2/kg	CPCD
	7		0.1	kg/	CO_2	4.10E+00	kgCO_2/kg	CPCD
	8		300	kg/	CO_2	5.58E+00	kgCO_2/kg	CPCD
	9		80	kg/	CO_2	2.04E+00	kgCO_2/kg	CPCD
	10		1600	kg/	CO_2	1.64E+01	kgCO_2/kg	CPCD
	11	45	60	kg/	CO_2	2.34E+00	kgCO_2/kg	CPCD
	16		60	kWh/	CO_2	6.41E-01	kgCO_2/KWh	2022

				kg/ m³/				kgCO2/kg · km	/
	1	Q235A		4200		314	km	5.70E-05	CPCD
	2	Q235B		245		314	km	5.70E-05	CPCD
	3			10300		314	km	5.70E-05	CPCD
	4			15		43	km	5.70E-05	CPCD
	5	ABS		70		8	km	5.70E-05	CPCD
	6	PU		50		8	km	5.70E-05	CPCD
	7			0.1		39	km	5.70E-05	CPCD
	8			300		18	km	5.70E-05	CPCD
	9			80		18	km	5.70E-05	CPCD
	10			1600		4	km	5.70E-05	CPCD
	11	45		60		8	km	5.70E-05	CPCD

5.

5.1.

$$EP_C = \sum EP_i = \sum Q_i \times EF_i$$

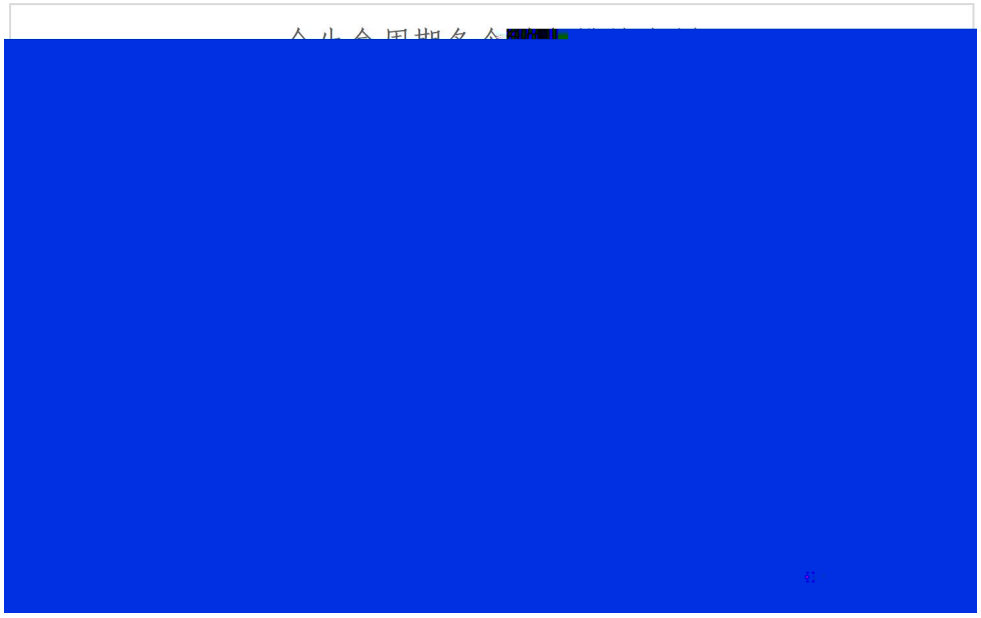
5.2.

5.2.1.

5.2.2.

5.2.3.

5.2.4.



6.

$$U_C = \frac{\sqrt{(U_{s1} \times \mu_{s1})^2 + (U_{s2} \times \mu_{s2})^2 + \ldots + (U_{sn} \times \mu_{sn})^2}}{|\mu_{s1} + \mu_{s2} + \ldots + \mu_{sn}|}$$

$$U_C = \sqrt{U_{s1}^2 + U_{s2}^2 + \ldots + U_{sn}^2}$$

7.