

# CR Sheet

Chloroprene Rubber Sheet

## Features

- Excels in weather resistance.
- Excels in oil resistance.
- Heat resistance is better than NR and NBR.

## Applications

- Outdoor rubber mat.
- Flame-retardant sheet.

### ■ Properties : Black CR Sheet

Item Name	General Properties			Heat-Resistant Aging 100°C × 72h			Oil Resistance 100°C × 72h		Compression Set 70°C × 24h %	Elastic Modulus in Static Shear Mpa	JIS K 6380 Corresponding No.	Item Number	
	Hardness Type A	Tensile Strength at Break MPa (kgf/cm <sup>2</sup> )	Elongation at Break %	Hardness Change Type A	Change Rate of Tensile Strength %	Change Rate of Elongation at Break %	Volume Change Rate %						
							ASTM #1	IRM 903					
CR Sheet -L	<30>	30 (29)	7.5 (76)	670	+ 14	+ 19	- 24	+ 4	+ 133	21		BBH30260	TCKL3005
	<40>	40 (36)	7.9 (81)	540	+ 15	+ 20	- 15	+ 7	+ 125	20		BBH40260	TCKL4005
	<45>	44 (43)	6.6 (67)	440	+ 14	+ 11	- 41	- 2	+ 86	20	0.52	BCH45160	TCKL4505
	<50>	50 (49)	7.3 (75)	400	+ 15	+ 21	- 23	+ 4	+ 90	16		BCH50260	TCKL5005
	<55>	56 (56)	8.6 (88)	360	+ 14	+ 3	- 28	+ 6	+ 86	16		BCH55260	TCKL5505
	<65>	65 (64)	8.5 (86)	310	+ 8	- 20	- 35	+ 18	+ 86	18	1.14	BCH65350	TCKL6507
	<70>	70 (69)	7.2 (74)	280	+ 15	+ 19	- 23	+ 5	+ 44	22		BDH70240	TCKL7005
	<80>	81 (78)	10.8 (110)	390	+ 8	- 3	- 31	+ 18	+ 99	19		BCH80320	TCKL8007
	<90>	91 (88)	10.6 (108)	190	+ 7	+ 18	- 32	+ 1	+ 54	21	1.74	BDH90320	TCKL9007
CR Sheet -M	<50>	49 (49)	13.9 (142)	690	+ 12	+ 5	- 3	- 3	+ 105	21		BCH50460	TCKM5010
	<60>	59 (55)	11.5 (117)	440	+ 12	- 2	- 34	- 4	+ 32	14		BEH60460	TCKM6010
	<70>	72 (72)	10.8 (111)	270	+ 7	+ 4	- 31	- 3	+ 30	19		BEH70450	TCKM7010
	<80>	81 (79)	11.8 (120)	200	+ 6	+ 10	- 32	- 3	+ 33	20		BEH80420	TCKM8010
CR Sheet -H	<50>	47 (44)	14.2 (145)	400	+ 10	- 1	- 22	- 2	+ 85	11		BCH50560	TCKH5014
	<60>	60 (59)	16.1 (164)	570	+ 8	- 12	- 28	+ 3	+ 83	17		BCH60560	TCKH6015

JIS K 6250

### ■ Properties : Colored CR Sheet

Item Name	General Properties			Heat-Resistant Aging 100°C × 72h			Oil Resistance 100°C × 72h		Compression Set 70°C × 24h %	Elastic Modulus in Static Shear Mpa	JIS K 6380 Corresponding No.	Item Number	
	Hardness Type A	Tensile Strength at Break MPa (kgf/cm <sup>2</sup> )	Elongation at Break %	Hardness Change Type A	Change Rate of Tensile Strength %	Change Rate of Elongation at Break %	Volume Change Rate %						
							ASTM #1	IRM 903					
White CR-L Sheet	<50>	50 (49)	10.4 (106)	650	+ 11	- 10	- 28	+ 3	+ 86	16		BCH50260	TCWL5005
	<60>	63 (61)	8.0 (82)	630	+ 6	- 27	- 22	+ 20	+ 87	23	0.94	BCH60260	TCWL6006
	<80>	83 (78)	8.1 (83)	390	+ 5	- 8	- 26	+ 22	+ 88	35		BCH80220	TCWL8006
Gray CR-L Sheet	<60>	60 (57)	9.0 (92)	590	+ 9	- 15	- 25	+ 22	+ 104	28		BCH60260	TCHL6006
Green CR-L Sheet	<60>	58 (54)	9.2 (94)	640	+ 3	- 28	- 30	+ 24	+ 114	22		BCH60260	TCML6005

JIS K 6250

- These items highlighted in this color are our standard products.



- These products should not be incinerated wherever possible because harmful gas to humans might be generated if they are immediately burned.
- The user is requested to confirm degree of discoloration and contamination beforehand by using sample in the case of use contacting with the other items.
- The life of these products at actual use are greatly affected by condition of the use. The user is requested to confirm it by using sample in the case of use under severe condition.