

EPT Rubber Sheet

Ethylene-Propylene Terpolymer Rubber Sheet

Features

- Excels in weather resistance.
- Excels in ozone resistance.
- Excels in cold resistance.
- Excels in heat resistance.

Applications

- Seal material for window frame.
- Bulletin Board.

■ Properties : Black Rubber Sheet

Item Name	Properties	General Properties			Heat-Resistant Aging 100°C × 72h			Compression Set 70°C×24h %	Ozone Resistance Ozone 50pphm 40°C 20% Elongation	Elastic Modulus in Static Shear Mpa	JIS K 6380 Corresponding No.	Item Number
		Hardness Type A	Tensile Strength at Break MPa (kgf/cm ²)	Elongation at Break %	Hardness Change Type A	Change Rate of Tensile Strength %	Change Rate of Elongation at Break %					
EPT Sheet -L	<40>	43 (43)	16.6 {169}	720	+ 6	- 22	- 16	24	144h No Change		BAH40360	TEKL4007
	<50>	50 (49)	8.4 {86}	580	+ 10	- 5	- 26	23	"		BAH50360	TEKL5007
	<60>	61 (61)	10.9 {112}	560	+ 8	- 1	- 22	22	"		BAH60360	TEKL6007
	<65>	64 (62)	8.4 {86}	370	+ 9	- 5	- 47	20	"		BAH65360	TEKL6507
	<70>	74 (72)	9.7 {99}	480	+ 5	- 4	- 32	24	"	1.19	BAH70340	TEKL7007
	<80>	81 (79)	12.5 {128}	370	+ 9	- 8	- 32	31	"		BAH80320	TEKL8010
	<90>	89 (87)	11.9 {122}	430	-	-	-	29	"		BAH90320	TEKL9007
EPT Sheet -M	<50>	49 (47)	11.7 {119}	810	+ 5	- 25	- 40	16	1000h No Change		BAH50470	TEKM5010
	<60>	60 (59)	12.6 {129}	560	+ 8	- 3	- 32	10	"		BAH60460	TEKM6010
	<65>	62 (61)	13.3 {136}	630	+ 5	- 6	- 31	11	"	0.8	BAH65460	TEKM6510
	<70>	70 (69)	12.0 {122}	540	+ 5	+ 9	- 30	11	"		BAH70450	TEKM7010
	<80>	77 (76)	13.8 {141}	440	+ 5	+ 9	- 22	14	"		BAH80420	TEKM8010

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■ Properties : Colored EPT Rubber Sheet

Item Name	Properties	General Properties			Heat-Resistant Aging 100°C × 72h			Compression Set 70°C×24h %	Ozone Resistance Ozone 50pphm 40°C 20% Elongation	Elastic Modulus in Static Shear Mpa	JIS K 6380 Corresponding No.	Item Number
		Hardness Type A	Tensile Strength at Break MPa (kgf/cm ²)	Elongation at Break %	Hardness Change Type A	Change Rate of Tensile Strength %	Change Rate of Elongation at Break %					
White EPT Sheet -M	<65>	66 (63)	11.5 {117}	650	+ 4	- 26	- 17	35	1000h No Change	1.23	BAH65350	TEWM6507
Gray EPT Sheet -L	<60>	59 (57)	7.5 {77}	810	+ 4	- 26	- 39	35	72h No Change		BAH60360	TEHL6007
Gray EPT Sheet -M	<60>	60 (58)	11.0 {112}	720	+ 4	- 15	- 28	32	1000h No Change		BAH60360	TEHM6007

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■ Properties : Special EPT Rubber Sheet (Heat-resistant grade)

Item Name	Properties	General Properties			Heat-Resistant Aging 125°C × 72h			Compression Set 70°C×24h %	Ozone Resistance Ozone500ppb (50pphm) 40°C 20% Elongation	JIS K 6380 Corresponding No.	Item Number
		Hardness Type A	Tensile Strength at Break MPa (kgf/cm ²)	Elongation at Break %	Hardness Change Type A	Change Rate of Tensile Strength %	Change Rate of Elongation at Break %				
EPT Special Sheet	<40>	40 (39)	10.3 {105}	660	+ 2	+ 4	0	19	1000h No Change	CAH40360	TEKH4007A
	<50>	53 (50)	11.6 {118}	550	+ 2	+ 5	+ 12	17	"	CAH50470	TEKH5008A
	<55>	56 (53)	14.9 {152}	460	+ 7	+ 12	- 9	15	"	CAH55470	TEKH5510A
	<60>	60 (57)	15.0 {153}	530	+ 5	+ 3	- 10	26	"	CAH60360	TEKH6007A
	<70>	71 (66)	12.7 {130}	490	+ 2	0	- 7	16	"	CAH70450	TEKH7008A
	<80>	80 (77)	16.3 {166}	300	- 3	+ 2	- 9	8	"	CAH80420	TEKH8010A
	<90>	93 (91)	14.3 {146}	220	+ 2	+ 1	- 26	12	"	CAH90420	TEKH9010A

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

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- These products should not be incinerated wherever possible because harmful gas to humans might be generated if they are immoderately 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.