Automotive Film

Series	Type	Product Code	Visible Light*		UV	Total Solar Energy*			Shading* Coefficient	IR Rejection (%)
			Transmitted (%)	Reflected (%)	Transmitted* (%)	Transmitted (%)	Reflected (%)	Absorbed (%)		
Premium IR	C90	HCD-03G	5	4	<1	5	4	91	0.41	97
		HCD-10G	10	5	<1	9	5	86	0.44	95
		HCD-20G	20	5	<1	14	4	82	0.47	95
		HCD-30G	30	6	<1	18	5	77	0.50	95
		HCD-45G	40	6	<1	21	5	74	0.52	96
		HCN-60G	60	7	<1	31	5	64	0.60	95
		HCN-70	70	7	<1	36	5	59	0.64	94
Standard IR	C70	HCD-03G C70	7	4	<1	16	5	79	0.49	79
		HCD-10G C70	13	4	<1	21	5	74	0.52	76
		HCD-20G C70	26	5	<1	25	5	70	0.56	79
		HCD-30G C70	41	5	<1	32	5	63	0.60	79
		HCD-45G C70	54	6	<1	38	5	57	0.65	79
		HCN-60G C70	75	7	<1	45	6	49	0.70	80
		HCN-70 C70	81	8	<1	50	7	43	0.74	77
	C50	HCD-03G C50	7	4	<1	26	5	69	0.56	58
		HCD-10G C50	14	4	<1	30	5	65	0.59	59
		HCD-20G C50	29	5	<1	35	6	59	0.63	61
		HCD-30G C50	43	5	<1	44	6	50	0.69	58
		HCD-45G C50	56	6	<1	48	7	45	0.72	60
		HCN-60G C50	82	8	<1	60	6	34	0.81	59
		HCN-70 C50	85	8	<1	61	7	32	0.82	59
Clear IR	C70	IR-90HD	89	8	<1	71	8	21	0.89	69
3mm float glass			91	7	65	85	8	7	1.00	13

*In accordance with JIS S 3107:2013, “Adhesive film for automotive windows”

·IR rejection (%) is calculated by obtaining the average of solar energy transmittance at 780-2500nm and subtracting it from 100%.

·Total solar energy rejection (%) represents the proportion of solar radiation (heat) that does not pass through a glass unit with respect to the solar radiation incident to the glass.

The value is calculated by 100 - solar heat gain coefficient, which is shading coefficient x 0.88 x 100, based on JIS R 3106.