Automotive Film

Series	Product Code	Visible Light*		UV	Total Solar Energy*			Shading* Coefficient	IR Rejection (%)
		Transmitted (%)	Reflected (%)	Transmitted* (%)	Transmitted (%)	Reflected (%)	Absorbed (%)		
Premium	HCD-03G	5	4	<1	5	4	91	0.41	97
	HCD-10G	10	5	<1	10	5	85	0.44	95
	HCD-20G	20	5	<1	15	5	80	0.48	95
	HCD-30G	30	6	<1	20	5	75	0.51	95
	HCD-45G	40	6	<1	21	5	74	0.52	96
	HCN-60G	60	7	<1	32	6	62	0.61	95
	HCN-70	70	7	<1	39	6	55	0.66	94
Medium	LM-037	7	4	<1	16	5	79	0.49	79
	LM-107	15	4	<1	21	5	74	0.52	79
	LM-207	25	5	<1	25	5	70	0.56	79
	LM-307	40	5	<1	32	5	63	0.60	79
	LM-457	55	6	<1	38	5	57	0.65	79
	LM-607	75	7	<1	45	6	49	0.70	79
	LM-707	80	8	<1	50	7	43	0.74	77
	LM-035	7	4	<1	26	5	69	0.56	58
	LM-105	15	5	<1	30	5	65	0.59	59
	LM-205	28	5	<1	35	6	59	0.63	61
	LM-305	44	6	<1	44	6	50	0.72	58
	LM-455	56	6	<1	48	7	45	0.72	60
	LM-605	83	8	<1	60	6	34	0.81	59
	LM-705	86	8	<1	61	7	32	0.82	59
Standard	IR-90HD	89	9	<1	71	8	21	0.89	69
3mm float glass		91	8	74	86	8	6	1.00	14

The values mentioned in above table are actual measured values and not guaranteed values.
*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.