

## Technical Data

Type : CARBON DYED IR30 SERIES

PROPERTY	UNIT	MEASURED VALUE						TEST METHOD &
		CBS BK 0530	CBS BK 1530	CBS BK 2030	CBS BK 3530	CBS BK 5030	CARBON 70	TEST CONDITION
Thickness of Film(MIL) / Structure	MIL/PLY	1.5mil / 1ply	1.5mil / 1ply	1.5mil / 1ply	1.5mil / 1ply	1.5mil / 1ply	1.5mil / 1ply	Micrometer Method
Visible Light Transmittance	%	5.6	10	19.7	33.48	45.2	75	ASTM D1003
Visible Light Reflectance	%	5	5.6	5.8	6.62	5.6	8	ASTM D1003
IR Rejected (at,1000 nm)	%	30.9	33.4	31.3	31	30.3	31.3	Nexfil Method
Total Solar Transmittance	%	38.5	39.8	45.1	50.38	57.4	70.9	ASTM D 1003, KSM 3832
Total solar Reflectance	%	6.3	6.2	6.3	8.08	6.9	8	KS M 3832
Total Solar Absorbance	%	55.2	54	48.6	41.54	35.7	21.1	KS M 3832
UV Transmittance	<3%	<1%	<1%	<1%	<1%	<1%	<1%	ASTM D 1003
Scratch Resistance	4B~4H	2H<	2H<	2H<	2H<	2H<	2H<	ASTM D 3363

Test Method JAPAN. JASCO. V-570