

Technical Data

Type : HP ST BLACK SERIES

PROPERTY	UNIT	MEASURED VALUE					TEST METHOD & TEST CONDITION
		HP ST BLACK 05A	HP ST BLACK 15A	HP ST BLACK 20A	HP ST BLACK 35A	HP ST BLACK 50A	
Thickness of Film(MIL) / Structure	MIL/PLY	1.5mil / 2ply	1.5mil / 2ply	1.5mil / 2ply	1.5mil / 2ply	1.5mil / 2ply	Micrometer Method
Visible Light Transmittance	%	5.6	12	18	30	45	ASTM D1003
Visible Light Reflectance	%	9	9	9	7	7	ASTM D1003
IR Rejected (at,1000 nm)	%	54.7	40.2	57.9	40.2	41	Nexfil Method
Total Solar Transmittance	%	31.1	35.6	38.7	45.1	50.8	ASTM D 1003, KSM 3832
Total solar Reflectance	%	13.4	8.8	12.3	10.8	11.5	KS M 3832
Total Solar Absorbance	%	55.5	55.6	49	44.1	37.7	KS M 3832
UV Transmittance	<3%	<1%	<1%	<1%	<1%	<1%	ASTM D 1003
Scratch Resistance	4B~4H	2H<	2H<	2H<	2H<	2H<	ASTM D 3363

Test Method JAPAN. JASCO. V-570