

HIRAOKA HG SERIES

HIGH LIGHT TRANSMISSION



HG212-HT





Physical Properties

Test Items		Test Method	Unit	HG102-HT	HG212-HT	HG313-HT
Width		ASTM D 751	mm	2040	2040	2040
Total Mass		ASTM D 751	g/m ²	800	940	1080
Thickness		ASTM D 751	mm	0.63	0.75	0.90
Tensile Strength (Cut Strip)	Warp	ASTM D 751	N/5cm	3100	5100	6100
	Weft			2800	5200	5900
Tear Strength (Trapezoid)	Warp	ASTM D 751	N	160	400	670
	Weft			160	400	670
	Warp	DIN 53363	N	300	630	1100
	Weft			300	630	1000
Adhesion		ASTM D 751	N/5cm	100	130	140
Light Transmisson		ISO 9050	%	22	21	20
Temperature Resistance		ASTM D2136 MSAJ/M-03-2003	°C	-40/+70		
Flame Retardancy		EN13501-1		B-s2,d0	B-s2,d0	B-s2,d0
		NFPA-701		meet	meet	meet
		ASTM E-84		meet	meet	meet

*The above data reflects average measured values.