

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.