

April 1st, 2020

Data Sheet



PLASTICS BUSINESS DIVISION
INDUSTRIAL MATERIALS DEPARTMENT
QUALITY ASSURANCE SECTION

Product: Flame Knight Saber

Color: Any color

Specification:

Weight	129g/m ²	3.8oz/yd ²
Thickness	0.19mm	7mil
Temperature Range	-30°C to +70°C	

Performance:

Tensile Strength	Warp	270N/5cm (JIS L 1096)	85lbs (ASTM D751)
	Weft	450N/5cm (JIS L 1096)	110lbs (ASTM D751)
Elongation	Warp	24% (JIS L 1096)	14% (ASTM D751)
	Weft	14% (JIS L 1096)	14% (ASTM D751)
Tear Strength	Warp	140N (JIS L 1096)	40lbs (ASTM D4533)
	Weft	200N (JIS L 1096)	35lbs (ASTM D4533)
Flame Retardant Test	(JIS L1091) (NFPA-701, Test method 2, Large scale method)		

* **Remarks:** These values are typical data and not intended as limited specifications.