

April 1st, 2020

Data Sheet



PLASTICS BUSINESS DIVISION
INDUSTRIAL MATERIALS DEPARTMENT
QUALITY ASSURANCE SECTION

Product: Flame Knight

Color: Any color

Specification:

Weight	186g/m ²	5.5oz/yd ²
Thickness	0.3mm	12mil
Temperature Range	-30°C to +70°C	

Performance:

Tensile Strength	Warp	640N/3cm (JIS L 1096)	155lbs (ASTM D751)
	Weft	600N/3cm (JIS L 1096)	155lbs (ASTM D751)
Elongation	Warp	15% (JIS L 1096)	15% (ASTM D751)
	Weft	15% (JIS L 1096)	15% (ASTM D751)
Tear Strength	Warp	200N (JIS L 1096)	55lbs (ASTM D4533)
	Weft	200N (JIS L 1096)	50lbs (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.