

April 1st, 2020

## Data Sheet



PLASTICS BUSINESS DIVISION  
INDUSTRIAL MATERIALS DEPARTMENT  
QUALITY ASSURANCE SECTION

**Product:** Flame Knight

**Color:** Any color

### **Specification:**

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

### **Performance:**

Tensile Strength	Warp	640N/5cm (JIS L 1096)	155lbs (ASTM D751)
	Weft	600N/5cm (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)
Puncture Strength		75lbs (ASTM D4833)	
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.