



***Shanghai Technical By-Products Int'l Corp. Co., Ltd.***

Material: Meta-Aramid

Product Type: SR-516

Nominal Thickness: 0.30mm

Typical properties:

Test item	Unit	Typical	Tolerance	Test Method
Thickness	mm	0.30	±10%	ASTM D374
Basic weight	g/m <sup>2</sup>	315.5	±10%	ASTM D646
MD Tensile strength	N/cm	/	36.6	ASTM D828
CD Tensile strength	N/cm	28.08	/	
MD Elongation	%	12.32	/	ASTM D828
CD Elongation	%	12.47	/	
Dielectric strength	kV/mm	10.27		ASTM D149

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**META-ARAMID PAPER (NOMEX)**

Material: Meta-Aramid

Product Type: SR-516

Nominal Thickness: 0.51mm

Typical properties:

Test item	Unit	Typical	Tolerance	Test Method
Thickness	mm	0.51	±10%	ASTM D374
Basic weight	g/m <sup>2</sup>	508	±10%	ASTM D646
MD Tensile strength	N/cm	/		ASTM D828
CD Tensile strength	N/cm	/		
MD Elongation	%	/		ASTM D828
CD Elongation	%	/		
Dielectric strength	kV/mm	9.88		ASTM D149



**META-ARAMID PAPER (NOMEX)**

Material: Meta-Aramid  
Product Type: SR-516  
Nominal Thickness: 0.76mm

Typical properties:

Test item	Unit	Typical	Tolerance	Test Method
Thickness	mm	0.76	±10%	ASTM D374
Basic weight	g/m <sup>2</sup>	682	±10%	ASTM D646
MD Tensile strength	N/cm	/		ASTM D828
CD Tensile strength	N/cm	/		
MD Elongation	%	/		ASTM D828
CD Elongation	%	/		
Dielectric strength	kV/mm	7.99		ASTM D149