918-M-072 GEOGRID

(Revised 10-16-25)

The Standard Specifications are revised as follows:

SECTION 918, BEGIN LINE 85, DELETE AND INSERT AS FOLLOWS:

The geogrid shall be in accordance with the property requirements for the type specified as follows:

(a) Type IA, ~~and~~ Type IB, *and Type IC*

Property	Test Method	Unit	**Type IA** Value~~, min.~~	**Type IB** Value~~, min.~~	***Type IC*** *Value*
Aperture Area	Calibered	sq in.	≤ 1.3	≤ 1.3	*≤ 1.3*
Open Area	COE, CW02215	%	> 50.0 ≤ 80.0	> 50.0 ≤ 80.0	*>50.0 ≤ 80.0*
Junction Strength*, min.*	ASTM D7737	lb/ft	-----	788	*1,200*
Tensile ~~Modulus~~*Strength*, *min.,* machine direction cross machine direction	ASTM D6637~~[1]~~[2,3]	 lb/ft lb/ft	 ~~10,000~~*500*[1] ~~10,000~~*500*[1]	 ~~10,000~~*500*[1] ~~10,000~~*500*[1]	 *400*[4] *600*[4]
Ultimate Strength, *min.,* machine direction cross machine direction	ASTM D6637[2,3]	 lb/ft lb/ft	 800 800	 800 800	 *1,300* *1,900*
Ultraviolet Stability	ASTM D4355	-----	-----	70% at 500 hrs	*90% at 500 hrs*

1 ~~Secant modulus~~*Tensile strength* at 5% elongation.

2 Results for machine direction, MD, and cross machine direction, CMD, are required.

3 Minimum average roll values shall be in accordance with ASTM D4759.

4 Tensile strength at 2% elongation.