



The Flyscreen Company

PRODUCT SPECIFICATION FOR INSECT MESH

PRODUCT: 20x30 FIBREGLASS MESH

Description:

- Vinyl coated fibreglass (63.0% Vinyl, 37.0% Glass).
- Permanent glass yarn coated with a protective vinyl.
- Non-combustible and will not rust, corrode or stain.
- 13 Mil Yarn, plain weave. 20x30 gauge.

Colours:

- Silvergrey
- Charcoal

	<u>CHARACTERISTIC</u>	<u>REFERENCE TEST METHOD</u>	<u>NOMINAL RESULTS</u>	
			<u>WARP</u>	<u>FILL</u>
1	MESH (ends/inch)		20	30
2	YARN DIAMETER (inch)	TMS-TM-001	0.013	0.013
3	TENSILE STRENGTH			
	(A) CUT STRIP METHOD (lb)	ASTM D 5035	150	219
	(B) GRAB METHOD (lb)	ASTM D 5034	150	214
4	TEARING STRENGTH TRAPEZIOD METHOD (lb)	ASTM D 1117	13	16
5	YARN SLIPPAGE (lb)	ASTM D 4912	48	61
6	STIFFNESS (mg)	ASTM D 3656	72	143
7	MESH WEIGHT (oz/sq yd)	ASTM D 3776	7.4	
8	FABRIC THICKNESS (inch)	ASTM D 1777	0.017	
9	BOND STRENGTH (lb)	CS 248-64(5.5)	61	
10	OPENESS (%)	TMS-TM-009	33	
11	BLOCKING	FS L-S-125B(4.4.9)	SCALE 1	
12	COLOURFASTNESS TO 1200HRS (colour change according to AATCC Grey Scale)	TMS-TM-003	ALL COLOURS 4 MIN	
13	MULLEN BURSTING STRENGTH (psi)		A. 203	
	(A) Initial		B. 168	
	(B) After 24hr H2O Soak	FS L-S-125B(4.4.7)	C. 194	
	(C) After 24hr H2O Soak & 48hr Air Dry		D. 211	
14	Content		63.0% Vinyl, 37.0% Glass	
FLAME RETARDENCY REQUIREMENTS				
	AGENCY	METHOD OF TEST	REQUIREMENT	
	Federal Motor Vehicle Safety	Standard no 302		
	Flame Resistance (Seconds after flame)	FS L-S-125B	Class A	
	National Fire Protection Association NFPA no 101 Class A rating	Smoke Developed Value	145	
	National Fire Protection Association NFPA no 101 Class A rating	Flame Spread Index	25	
	Spec for Flame Resistance Material used in Camping Tentage		CPAI – 84	
	Uniform Building code, 1979 Ed Pt VIII, "Fire Resistance Standard for Fire Protection" ch 42 Sec 4201-03		Class 1	

Results listed are typical for the product and are for reference purposes only. This document should not be used as a certification or specification. Ref.02/12/04