



DATA SHEET

REINFORCED LOAD DUNNAGE

Recommended Length: 7.97 ft (95.6")
line color: Grey

Profiles features:

- * High durability
- * Integrated color
- * Completely ecological
- * With integrated UV protector
- * Compositional matrix: high density polyethylene
- * Steel reinforcement (RTP): 4.59 ft

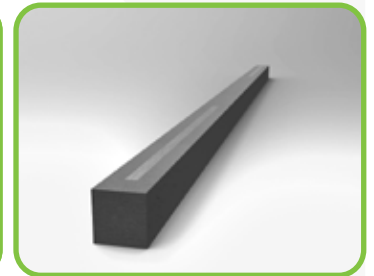
Mechanical properties:


- *Density (g/cm3): 0.903 [1]
- *Compression resistance (MPa): 440.0 [2]
- *Permanent deformation under load (%):16.95 [3]

All tests were performed in the laboratories of:

- Mechanical Engineering/UNAM
- Institute of Materials/UNAM
- Finished product laboratory of Plastimadera

- [1] ASTM-D-792
- [2] ASTM-D-695
- [3] ASTM-D-638
- [4] ASTM-D-635
- [5] ASTM-D-149
- [6] ASTM-D-570
- [7] ASTM-D-471
- [8] ASTM-D-543
- [9] ASTM-D-4329



Dunnage	
3" x 3"	
Profile	
Width:	76.2 mm
Height:	76.2 mm
Length:	2430 mm

Physical and chemical features:

- * Flame resistance: 0.78cm/min; [4]
- * Toxicity index; combustion vapors are generated (non toxic in open places). [5]
- * Surface electrical resistance; Doesn't indicate change to resistance variation. [5]
- * Resistance to dry insulation; It has a good behavior as an insulation. [5]
- * Water absorption; Its raincoat, has an absorption of 1.0% of water. [6]
- * Oils absorption; Without changes in the structure with an absorption of 2.8%. [7]
- * Resistance to chemical solvents; Without changes in the superficial structure. [8]
- * Accelerate weathering tests; Without change in the superficial and internal structure. [9]

NOTE:

There is a variation in color tonality, in lots of profiles of 10%
The material given its intrinsic properties tends to contraction or dilatation.