

DATASHEET

DUCELL® - PE

DUCELL® - PE is lightweight and flexible three-dimensional, expandable panels made from high-density polyethelene strips which are ultrasonically bonded together to form an extremely strong condiguration. It can be filled with a wide range of materials: aggregate, sand, concrete, soil, etc.

DUCELL® - PE is engineered for soil applications; it is used to help to improve the performance of standard construction materials and erosion-control treatments.

Tested Properties	Unit	DUCELL 75	DUCELL 100	DUCELL 150	DUCELL 200
Polymer		HDPE	HDPE	HDPE	HDPE
Cell Depth	mm	75	100	150	200
Density	%	≥ 0.94	≥ 0.94	≥ 0.94	≥ 0.94
Carbon Black Content	%	≥ 1.5	≥ 1.5	≥ 1.5	≥ 1.5
Seam Peel Strength	N/10cm	>1200	>1200	>1200	>1200
Sheet Thickness	mm	1.1	1.1	1.1	1.1

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