

GEO LOCK

Technical Data Sheet



HYMA PLASTIC
SINCE 1975

Hyma GEO LOCK is an HDPE structure that acts as a crackerjack to attach Hyma's Geomembrane to concrete, enhancing mechanical properties by providing maximum anchorage. GEO LOCK has a 3 parallel T-anchors arrangements to be inserted into the wet concrete for mechanical anchorage. Hyma GEO LOCK is made of pure virgin HDPE to be compatible with Hyma's Geomembranes.

Test Property	Unit	Test Method	Value
Density	g/cm ³	ASTM D-792	≥ 0.940
Melt Flow Index	g/10 min	ASTM D-1238 2.16 kg/190°C	< 1
Carbon Black Content	%	ASTM D-4218	2 - 3
Tensile Strength @ Break (M.D.)	MPa	ASTM D-638 IV	≥ 28
Elongation @ Break (M.D.)	%	ASTM D-638 IV	≥ 700
Brittleness Temperature	%	ASTM D-746	< -70
Dimension Stability	%	ASTM D-1204	≤ 3

Properties:

1. Width: 140 mm +/- 4 mm.
2. Length: 5 meter.
3. Height of T-anchors: 22 mm +/- 2 mm.
4. Width of T-anchors: 13 mm +/- 1 mm.
5. Color: Black.