



Black PVC 0.75mm Material Specification

Physical Properties	Test	Unit	Requirement	Typical Value
Density	DIN 53479 ASTM D792	G/cm ³	1.34 +/- 0.02	1.343 black
Tensile	ISO R 527	N/mm ²	>16L	18
Strength	DIN 53455 NFT 54102 ASTM D882		>15T	16.3
Elongation	ISO R 527 DIN 53455 NFT 54102 ASTM D882	%	>250L >250L	310 305
Tear		N/mm	>80L	104
Strength	DIN 53363 NFT 54108		>80T	114
Hardness	ISO 868-85 DIN 53505 NFT 54109	Shore A	80+/-2	
Cold crack		°C	-30	
Temperature	DIN 533572 NFT 54110		No cracks	
Cold		°C	-20	
Mandrel Test	DIN 53361		No cracks	
Dimensional		%	<2	1.1
Stability	DIN 53377			
6h/80c	NFT 54105			
Water permeability	CEMAGREF	M/s	<10 ↑ 14	

This material is fish and plant compatible.

The material is guaranteed to remain watertight for a period of 10 years and where not exposed to direct sunlight for a period of 2 years.

Damage due to chemical, mechanical or any other abuse will invalidate this guarantee.