

AKS Lining Systems (Pty) Ltd

Specialist in high performance concrete protection liner



Technical Data:

Weld Rod

Pale colour & Black UV Stabilised High Density Polyethylene

Round section Weld Rod is produced by AKS Lining Systems for the purpose of extrusion welding of Anchor Knob Sheet, Geoliner and ancillary products. The welding rod is produced of the same grade of HDPE resin and masterbatch as is used to manufacture all our products. Care has been taken to ensure the following:

- ideal welding properties
- consistent shape
- dimensional conformance
- avoidance of air in the rod
- packaging to exclude contamination during storage
- robust spools for easy usage

Properties	Test Method	Unit	Value (Pale)	Value (Black)
Diameter (4.0mm)	ASTM D 5199	mm	3.9 to 4.2	3.9 to 4.2
Diameter (5.0mm)	ASTM D 5199	mm	4.9 to 5.2	4.9 to 5.2
Density	ASTM D 1505 / D 792	g/ml	≥0.940	≥0.940
Carbon black content	ASTM D 1603	%	N/A	2 to 3
Carbon black dispersion	ASTM D 5596	Category	N/A	1 or 2
Melt Flow Index	ASTM D 1238 - 190/21.6	g/10min	21	21

For further information on this product, please contact us at the following address:

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Technical data refers to average values. This information is expressed as a guide and based on values measured in our laboratory as well as independent laboratories. The quoted values are based on specific resin properties and are subject to change without prior notice.