

Technical Data - Cable

Oil resistance acc. to **SAB** internal standards

■ Test method

- ▶ acc. to VDE 0473 Part 811-404
- ▶ corresponds to EN 60811-404
- ▶ corresponds to IEC 60811-404

■ Requirements

	TMPU acc. to EN 50363-10-2 VDE 0207 part 363-10-2	acc. to SAB internal standard	TM5 acc. to VDE 0207 part 363-4 EN 50363-4
Characteristics after storage in mineral oil IRM 902 (ASTM Nr. 2)			
Test temperature	100°C	70°C	90°C
Period of storage in oil	7 days	7 days	7 days
Mechanical values after storage in oil			
max. deviation of tensile strength	± 40%	± 40%	± 30%
max. deviation of elongation at tear	± 30% (min. 300% effective)	± 40%	± 30%

MUD resistance

■ The following test parameters are valid for the different reference liquids

Drilling fluid	Test Fluid	Temperature	Storing Period
Water based mud	Calcium Bromide Brine	70°C	56 d
Oil based mud	Carbo Sea	70°C	56 d
Ester based mud	Accolade Base	70°C	56 d
Mineral oil type	IRM 902	100°C	7 d
Mineral oil type	IRM 903	100°C	7 d

- Selected types of our PUR materials accomplish the tests acc. to MUD resistance acc. to IEC 60092-350, IEC 61892-4 and NEK TS 606.