

**Technical data**  
**Material properties**

Products	Material used	Glow wire test IEC 60 695-2- 11	UL Subject 94	Temperature resistance	Chemical resistance <sup>1)</sup>					
					Acid 10 %	Lye 10 %	Alcohol	Petrol (MAK) <sup>2)</sup>	Benzene (MAK) <sup>2)</sup>	Minerar oil
<b>DK 02.. / DK 04.. / DK 06.. / DK 10.. / RK 02.. / RK 04.. / DN ....</b>	PP (polypropylene)	750 °C	V-2	-25 °C / +80 °C	+	+	+	0	-	0
<b>DK 16.. / DK 25.. / DK 35.. / DK 50..</b>	PC (Polycarbonat)	750 °C	V-2	-40 °C / +120 °C	+	+	0	+	-	+
<b>KF .... G / KF .... H / KF .... B / KF .... C WP .... / bottom parts of Mi ... / FP ... / SB FK 04.. / FK 06.. / FK 16..</b>	PC (polycarbonat) (with GFS)	960 °C	V-0	-40 °C / +120 °C	+	+	0	+	-	+
<b>K 12.. / K 24.. lid Mi ... / SB ... / door and lid KV ... / door and lid KV PC .. / door and frame FP ... / hinged lid KG ...</b>	PC (Polycarbonat)	960 °C	V-0	-40 °C / +120 °C	+	+	0	+	-	+
<b>DE .... / DP .... KV .... / KG ....</b>	PS (Polystyrol)	750 °C	V-2	-40 °C / +70 °C	+	+	+	-	-	0
<b>Sealings DK 02.. / DK 04.. / DK 06.. / DK 10.. / DK 16.. / RK 02.. / RK 04.. / KF 02.. / KF 04.. / KF 06.. / KF 10.. / KF 16.. DP ... / DPC ... / DE ... / KV ... / KV PC ... / KF PV ... / Mi FP ... / FP FG ... ESM .. / STM .. / EDK .. / EDR .. / KST .. / DPS .. / ERA .. / EKA .. / EVS ..</b>	TPE (Thermo- plastisches Elastomer)	750 °C	-	-25 °C / +100 °C	+	+	+	0	0	0
<b>Sealings DK 25.. / DK 35.. / DK 50.. / KF 25.. / KF 35.. / KF 50.. K ... / KV ... / KV PC ... / Mi ... / FP ... / SB ...</b>	PUR (polyurethane)	-	-	-25 °C / +80 °C	0	+	0	0	-	+
<b>AKM .. / ASS .. / BM ...</b>	PA (polyamide)	960 °C	V-0	-40 °C / +100 °C	+	0	+	+	+	+
<b>AKS .. KBM .. / KBS ..</b>	PA (polyamide)	960 °C	V-2	-40 °C / +100 °C	+	0	+	+	+	+
<b>AVS .. / AFM ..</b>	PA (polyamide)	750 °C	V-2	-40 °C / +100 °C	+	0	+	+	+	+
<b>Sealings AKM .. / AKS .. / AKS ..</b>	CR/NBR (polychloroprene - nitrile rubber)	-	-	-20 °C / +100 °C	+	+	+	0	-	0
<b>Sealings - inner part ASS ..</b>	TPE (Evoprene)	-	-	-30 °C / +100 °C	+	-	+	-	-	-
<b>Sealings - outer part ASS ..</b>	CR (chloroprene rubber)	-	-	-30 °C / +100 °C	+	+	+	0	-	0
<b>Sealings KBM .. / KBS ..</b>	EPDM ethylene propylene diene monomer rubber	-	-	-40 °C / +130 °C	+	+	+	-	-	-

(+ = resistance; 0 = partially resistance; - = not resistant)

As at: January 2017

1) The specifications on chemical resistance are a general guide. In individual cases it may be necessary to check resistance in combination with other chemicals and ambient conditions (temperature, concentration, etc.)

2) (MAK) - Maximum allowable concentration (work place)