



DATA SHEET AEM60UL

General properties

Standard	ASTM
Indicative working temperature	-40°C/+150°C
Color	BLACK
Chemical resistance	<input type="checkbox"/> Oil Free <input checked="" type="checkbox"/> Phthalate Free <input checked="" type="checkbox"/> Reach&RoHs2.0

Properties

	Method	Unit	Required value	value
Hardness	ASTM D 2240	Shore A		66
Hardness	ASTM D 1415	IRHD		56
Tensile strength	ASTM D 412/C	N/mm2(Mpa)		11.84
Elongation at break	ASTM D 412/C	%		202
Tear strength	ASTM D 624/B	N/mm		27.44
Specific gravity	ASTM D 1817	g/cm3		1.297
Compression Set after deformation of 25%, 70 hours at 150°C	ASTM D 395/B	%		24

Ageing

Fluid	Time(h)	Temperature °C	Tensile %	Elongation %	Hardness Pts	Volume %	Weight %
Air	168	175	+12	-9	+1 (IRHD +3)	-2.3	
ASTM1	70	150	+4	-9	-6(IRHD -3.6)	+8.7	
ASTM3	70	150	-25	-33	-16(IRHD -12.2)	+54.9	
Water	70	100	-5	+1	-5(IRHD -1.4)	+4.5	

Approval

SPEC: M3EE708A47B46B37EO16EO36EA14Z1:EB150%Z2:BP-31°CZ3:Electric resistance>100 000 000Ω

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Author:

SVHC = Substance of Very High Concern according to regulation REACH 1907/2006

These data are for information only.

They can be modified at any moment without notice.

Values indicated above are based on tests conducted on laboratory samples.

Values on finished parts can be different depending on shape, curing parameters etc