



E70-N110

This TDS describes an EPDM rubber compound with excellent resistance to hot water and water vapour, excellent resistance to ageing and ozone plus excellent resistance to numerous acids, alkaline solutions

This compound is suitable for sealing aggressive fluid in industry such as chemical and pharmaceutical



HD SLIPPERS SRL certify that
E70-N110 meets the following approvals

- FDA n.721-B/2012 of 17/12/12 by Cerisie
- WRAS (hot and cold water) n. 1308515 ddt 28/08/13 issued by WRAS
- EN681.1 WB WD n. 05/053/5114/1 iss by DVGW
- KTW D1, D2 n. 436/11 dated 15/11/11 iss by institute TZW
- 3A Sanitary Standard Number 18-03 CLASS II n° 626/2013 dated 17/10/13 issued by Cerisie
- KIWA BRL K17504 n. K80481/01 dated 01/12/2013 issued by KIWA

HD SLIPPERS SRL
legal representative





E70-N110

PROPERTY	METHOD	UNITS	VALUE
Color			Black
Specific gravity	ISO 2781 A	g/cm ³	1,14
Hardness	ASTM D 2240	Sh.A	70±5
Tensile strength	ISO 37	N/mm ²	17
Elongation	ISO 37	%	220
Modulus 100%	ISO 37	N/mm ²	4,5
Service temperature (min-max)	/	°C	-65/+150
TR10	ISO 2921	°C	-42
Compression set			
22 hrs at 150 °C	DIN ISO 815	%	13
70 hrs at 150 °C	DIN ISO 815	%	24
70 hrs at 23 °C	DIN ISO 815	%	9
70 hrs at 100 °C	DIN ISO 815	%	10

CHANGES OF PROPERTY AFTER AGEING IN FLUIDS

Medium	Time	Temp	Norm	Volume	Hardness	Tensile Strength	Elongation
/	hrs	°C	/	Δ %	ΔShA	Δ %	Δ %
Air	70	100	ISO 188 B	-	+1	-8	-12
Air	70	125	ISO 188 B	-	+2	-15	-15
Air	70	150	ISO 188 B	-	+4	-25	-25
Water	70	100	ISO 1817	+1,5	-1	-4	-7
Acetone	70	23	ISO 1817	+5	-6	-	-

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