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Technical data sheet

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EPDM 75 ShA black

Ethylen-propylen-diene rubber, black, peroxide cured

Properties	Value	Unit	DIN Standard
Hardness	75±5	Shore A	DIN ISO 7619-1
Density	1,39	g/cm ³	DIN EN ISO 1183-1
100% Modulus	4,5	Mpa	DIN 53504
Elongation at break	352	%	DIN 53504
Tensile strength	15,6	Mpa	DIN 53504
Compression set 22°C/70h	14,3	%	DIN ISO 815-1
Compression set 70°C/22h	13,9	%	DIN ISO 815-1
Rebound resilience	39	%	DIN ISO 4662:2017
Tear strength	7,7	kN/m	DIN ISO 34-1 A
Abrasion resistance	155	mm ³	DIN ISO 4649 B
Min. Service temperature	-50	°C	
Max. Service temperature	+135	°C	

Advantages and stability:

- **Outstanding resistance to brake fluids** including DOT 3, DOT 4, and DOT 5.1 types, providing reliable sealing performance and long-term durability even in demanding applications.
- **Excellent chemical compatibility** with HFC fluids, cold and hot water, steam, as well as diluted acids and alkalis. The material retains its physical and mechanical integrity under varying temperature and chemical conditions.
- **Versatile in use** – ideally suited for static sealing applications, rod and piston seals, wiper seals, and rotary sealing systems.

All data provided above are based on random samples taken from our ongoing production. The results were determined using standard test specimens in accordance with ISO, DIN, and ASTM methods. These results cannot be directly applied to specific finished components.

Any technical information or advice we provide—whether verbal, written, or based on testing—is given to the best of our knowledge. Nevertheless, this information should be regarded as non-binding guidance and does not release the user from the obligation to verify the suitability of our products for their intended process or application. Possible third-party property rights must also be observed.

Since the use, application, and processing of our products take place beyond our control, they remain solely the responsibility of the user. In any case where liability may arise, it shall be limited to damages not exceeding the value of the product supplied and used.

We do, however, guarantee the flawless quality of our products in accordance with our general terms and conditions of sale and delivery.

