

CERTIFICATION OF ANALYSIS

Certificate No. 21/21

MATERIAL SPECIFICATION & TYPE TEST

Material Nr:	Issue:	Approved by:	Sign.	Date of issue:
S01-028	1	TradeS		02/02/2021

CUSTOMER:				
PRODUCT:		MATERIAL TYP:	EPDM	

DISCRIPTION

This specification includes DIN 7863-1 October 2011

PROPERTY	METHOD	UNIT	SPEC.	TYP. TEST	INCLUDED IN FOLLOWING
Density	DIN ISO 1183-1	(gr/cm ³)	±0,03	1.270	<u>TS EN ISO 1183-1</u>
Hardness	DIN 53505	Shore A	65±5	66	<u>TS ISO 48</u>
Tensile strength	DIN 53504	MPa	7,5 min.	8.2	<u>TS ISO 37</u>
Elongation at break	DIN 53504	%	200 min.	402	<u>TS ISO 37</u>
Compression set (24h/100 °C)	DIN 53517	%	max 35	30	<u>ISO 815-1</u>
After ageing (7d/100°C)	DIN 53508				TS ISO 188
Hardness, change	DIN 53505	Shore A	max +15/-5	+4	<u>TS ISO 48</u>
Tensile strength, change	DIN 53504	%	max -25	+1	<u>TS ISO 37</u>
Elongation, change	DIN 53504	%	max -50	-21	<u>TS ISO 37</u>
Ozone resistance	ISO 1431-1	no cracks			
96h/500pphm/40°C/20%		no cracks	Pass		<u>TS 2680 ISO 1431-1</u>

Each requirement is controlled by the most demanding standard (underlined).