



optibelt ELASTOMIT-EPDM 750K

Technical elastomer sheeting

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similar figure

PRODUCT SPECIFICATION		NOTE
Polymeric base	Ethylene-Propylene-Diene-Monomer Rubber (EPDM)	
Colour	black	
Thickness / Range	0.30 mm - 2.00 mm	
Hardness	50 ± 5 Shore A	in accordance with DIN 53505
Specific weight	1.08 ± 0.02 g/cm ³	in accordance with DIN 53479
Tensile strength (min.)	8.0 N/mm ²	in accordance with DIN 53504
Elongation (min.)	400 %	in accordance with DIN 53504
Temperature resistance	- 40°C up to + 110°C	

SPECIFIC TESTS		
Compression set	14%	in reference to ISO 815 (25 % compression, 22h, 70°C)
Ageing (hardness/tensile strength/elongation)	+1 Shore A / +4 % / +2 %	in reference to DIN 53508 (70h, 70°C)

ADDITIONAL INFORMATION	
Version K	The vulcanisation process is carried out in autoclaves (tanks). Through this special vulcanisation process, OPTIBELT is able to obtain a „low-shrink“ grade (in both lengthwise and traverse directions) during the die-cutting process. The values measured on the manufactured product - the ultimate tensile strength and tear strength as well as the ultimate elongation - are reduced by approx. 1/3, depending on the process, compared to the „A“ design.
Construction	Both sides of this design are flat and powdered.
Delivery form	Available as sheeting with a standard effective width of 1200 mm wound up on cardboard tubes. The sheeting can also be delivered in strips with a width starting from 40 mm.
Applications	This quality is a special automotive grade. It is conform with VW 2.8.1 G 50; DBL 5571.10, DBL 5571.20, DBL 5571.30 (DBL except „Fogging“); ASTM D2000/ SAE J 200 M3BA 510 A14, B13, C12, F17 and Z1; Toyota (TSM) 1500 G - N 506, N510Z; Renault 00-10-050/-E; Delphi 10949001; Peugeot-Citroen B 20 0250, B 63 2100 Type of compound 22, 23 and 26; tear resistance according to ASTM D 624 DIEC -discolouration quality-.
General polymer characteristics	See selection guide for elastomers under the following link: www.optibelt.com/en/elastomer-solutions/service/downloads.html
Storage	General information for the storage of elastomers can be found in the norm DIN 7716.

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