

Technical datasheet

Thermoplastic elastomer

Basic information	Specification
Basic elastomer	TPE
Fabric ply	without ply
Description/features	Extrudable, injection mouldable and continually meltable, good mechanical properties, good ozone and acid resistance, moderate resistance to oil and grease as well as bending-rupturing. Material is conditionally or non-bondable.
Format	on request
Colour	black*

Technical data	Standard term/Specification	Unit	Testing method
Density	n.a.	g/cm ³	DIN EN ISO 1183-1
Shore A	10 to 90**	°ShA	DIN ISO 7619-1
Tensile strength	20	N/mm ²	DIN 53504
Elongation at break	500	%	DIN 53504
Abrasion	n.a.	mm ³	DIN ISO 4649 method A
Temperature range	from - 30 to +95	°C	

Resistance	Standard term/Specification
Oil	⊕
Fuels	⊖
Acids	⊕ ⊕
Alkaline solution	n.sp.
Weather	n.sp.
Alkalien	⊕ ⊕

Legend
⊕ ⊕ = particularly resistant ⊖ = not resistant n.sp. = not specified ⊕ = resistant n.a. = not applicable

Product-related special properties can be tested in our in-house laboratory. If necessary separate standards and testing standards deviating from DIN may be specified.
 *may be dyed ** hardness may be adjusted individually

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