

TPE Elastomere

General information

Designation	:	Thermoplastic elastomere
Abbreviation	ISO 1629 :	TPE-S
Color	:	black
Flammability	UL94 :	accordingly HB, halogen free

Physical data

Density	DIN 53479 :	1.28	g/cm ³
Hardness	DIN 53305 :	80	Sh A
		82	Sh A 168h / 120°C

Mechanical data

Tensile strength	DIN 53504 :	7.9	N/mm ²
Elongation at break	DIN 53504 :	500	%
Compression set	DIN 53517 :	38	% 22h / 70°C

Thermal data

Max. application temperature	:	+100	°C
Min. application temperature	:	-40	°C

Chemical properties

TPE is well resistant against aqueous solutions of inorganic salts, diluted acids and caustic solutions. It is partly resistant against mineral oils, cooling and cutting oils and not resistant against fuels, solvents, concentrate acids and caustic solutions.

Information to Safety Data Sheet: According to regulation (EG) 1907/2006 (REACH)

HAZARD IDENTIFICATION:

According to Directive 1999/45/EC, the product is not classified as hazardous.

AGRO AG

Hunzenschwil, October 25. 2024

This table is arranged to our best knowledge and is to advise you without obligation. All values are approximate values and are based on tests done by our suppliers. Modifications remain reserving.

AGRO AG CH-5502 Hunzenschwil

Tel. +41 62 889 47 47 · Fax +41 62 889 47 50 · info@agro.ch · www.agro.ch