



DATA SHEET SE80T -Platinum

General properties

Standard	ASTM
Indicative working temperature	-60°C/+180°C
Color	Translucent
Chemical resistance	<input type="checkbox"/> Oil Free <input checked="" type="checkbox"/> Phthalate Free <input checked="" type="checkbox"/> Reach&RoHs2.0

Properties

	Method	Unit	Required value	value
Hardness	ASTM D 1415	IRHD		85
Tensile strength	ASTM D 412/C	N/mm2(Mpa)		9.79
Elongation at break	ASTM D 412/C	%		538
Tear strength	ASTM D 624/B	N/mm		42.63
Specific gravity	ASTM D 1817	g/cm3		1.207
Low temperature test-TR10	ASTM D 1329	°C		
Low temperature test-Brittleness	ASTM D 746	°C		
Compression Set after deformation of 25%, 22 hours at 175°C	ASTM D 395/B	%		36,2
Modulus at 100%	ASTM D 412/C	kg/cm2		27

Ageing

Fluid	Time(h)	Temperature °C	Tensile %	Elongation %	Hardness Pts	Volume %	Weight %
Air	70	200	-42	-62	+8	-0.4	
Water	70	100	-8	-8	0	+0.4	

Approval

SPEC:
Date : 04/02/2015
Edit date: 10/01/2022
Index:
Author:

SVHC = Substance of Very High Concern according to regulation REACH 1907/2006
Material Silicone are confirm with Reach except 190(D4)、184(D5)、187(D6).
These data are for information only.
They can be modified at any moment without notice.
Values indicated above are based on tests conducted on laboratory samples.
Values on finished parts can be different depending on shape, curing parameters etc