



## Datasheet AS TEOltecc-550



- (1): Hardness rockwell: HRM.  
(2): Hardness rockwell: HRC.  
(3): Coefficient of friction dynamic: oil/grease.

### Material

Material	Tin-bronze
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### Availability

Availability	Unit	Value
Min. inside diameter	mm	30
Max. inside diameter	mm	160
Length standard	mm	On request
Also available as flange bushing		

### Metric Bushing

Type	AS TEOltecc-550
I.D.	30
O.D.	40
High	40

### Flange Bushing

Type	AS TEOltecc-550F
I.D.	30
O.D.	40
High	40

### Physical Properties

Physical Properties	Test Standard	Unit	Value
Density	ASTM D792	g/cm <sup>3</sup>	8
Max. swell in water at 20 °C	ASTM D570	%	-

### Mechanical Properties

Mechanical Properties	Test Standard	Unit	Value
Compressive strength static	ASTM D695	MPa	45
Compressive strength dynamic	ASTM D695	MPa	-
Module of elasticity	ASTM D695	MPa	-
Tensile strength	ASTM D3410	MPa	290
Shear strength	ASTM D3410	MPa	-
Impact strength	ASTM D256	kJ/m <sup>2</sup>	-
Hardness rockwell	ASTM D785	HRM/HRC	> 90 HB

Thermal Properties	Test Standard	Unit	Value
Thermal expansion	ASTM D696	K	-
Min. working temperature		°C	-
Max. working temperature		°C	-
Intermittent working temperature		°C	-

Friction Properties	Test Standard	Unit	Value
Max. linear velocity non-lubrication		m/s	0.5
Max. linear velocity periodical lubrication		m/s	0.8
Max. linear velocity consecutive lubrication		m/s	1.2
Max. pv value non-lubrication		MPa*m/s	1.2
Max. pv value periodical lubrication		MPa*m/s	1.8
Max. pv value consecutive lubrication		MPa*m/s	2.2
Friction coefficient grease lubricated		μ	-
Friction coefficient oil lubricated		μ	0.03