

# PROMED

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**Manufacturing Dental Materials**  
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**General Authority for Investment & Free Zones**  
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## PRODUCT SPECIFICATION

**Product** : Trendalloy, powder  
**Reference#** : 0126  
**Product type** : amalgam alloy powder  
**Application** : posterior dental filling

<b>Working Time / DIN 13904</b>	<i>complies</i>
<b>Carving Time (post-condensation)</b>	10'
<b>Dimensional change / ISO 1559</b>	+2 ( $\mu$ /cm)
<b>Flow</b>	0.7%
<b>Creep / ISO 1559</b>	0.4%
<b>Potential zero</b>	9 $\mu$ A
<b>Microhardness (24 hours)</b>	145 HV
<b>Granulometry</b>	< 63 $\mu$
<b>Compressive strength ( 15 minutes )</b>	35 MPa
<b>Compressive strength ( 30 minutes )</b>	45.3 MPa
<b>Compressive strength ( 1 hour ) ISO 1559</b>	110 MPa
<b>Compressive strength ( 24 hours ) ISO 1559</b>	355 MPa
<b>Diametral resistance (1 hour)</b>	152 MPa
<b>Diametral resistance (24 hour)</b>	390 MPa
<b>Diametral resistance (30 minutes)</b>	102 MPa
<b>Chemical Composition / ISO 1559</b>	Ag 45.01%
	Sn 30.99%
	Cu 24.00%