

PROMED

Factory address
Borg Elarab City
Second Industrial Zone # 7/15
Alexandria – Egypt
Office address
22 Fostat st. Cleopatra,
Alexandria – Egypt.

Manufacturing Dental Materials
Contacts:
Tel: 2035437361
Fax: 2035437361
Sales: promed@egyptgate.net
Purchases:promed@egyptmail.com

General Authority for Investment & Free Zones
PROMED Establishment License No. 1090/2002

PRODUCT SPECIFICATION

PRODUCT NAME : Souba
PRODUCT ORDER CODE : 0230
PRODUCT TYPE : capsules spill 2
APPLICATION : Posterior dental filling

CHARACTERS : Non-gamma 2 amalgam alloy powder,
Lathe- cut, extra-fine grain,
ternary, normal setting.

CHEMICAL CHARACTERISTICS:

COMPOSITION : 40.0% Ag elementary
31.3% Sn elementary
28.2% Cu elementary
0.5% Zn elementary

SPECIFICATION : ISO 1559: 1995(E)

MERCURY PURITY : min. 99.999%

MERCURY GRADE : dental

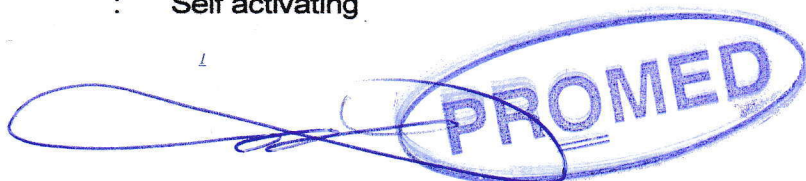
MERCURY SPECIFICATION : ADA no. 6

PHYSICAL CHARACTERISTICS :

WEIGHT OF ALLOY PER CAPSULE: 600 mg (\pm 1.5% max)

WEIGHT OF Hg PER CAPSULE : 610 mg (\pm 1.5% max)

CAPSULE TYPE : Self activating



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SAFETY PRECAUTIONS FOR Hg : * hermetically sealed bag

* Leak proof capsule

TYPICAL PROPERTIES AFTER AMALGAMATION :

Test description	RESULT
Working Time / DIN 13904	<i>complies</i>
Carving Time (post-condensation)	9'
Dimensional change / ISO 1559	+2 ($\mu\mu$ /cm)
Flow	0.7%
Creep / ISO 1559	0.3%
Potential zero	9 $\mu\mu$ A
Microhardness (24 hours)	145 HV
Granulometry	< 63 μ
Compressive strength (10 minutes)	< 35 MPa
Compressive strength (30 minutes)	65 MPa
Compressive strength (1 hour) ISO 1559	155 MPa
Compressive strength (24 hours) ISO 1559	375 MPa
Diametral resistance (1 hour)	152 MPa
Diametral resistance (24 hour)	390 MPa
Diametral resistance (30 minutes)	102 MPa

CLASSIFICATION : Class IV C

SPECIFICATION : ISO 1559:1995 (E)

STORAGE : Should be kept away from direct
sunlight or heat. Expiration is 5 years
from the date of manufacture.

