



# MOUNTAIN DENTAL LAB

## PFM ALLOY GUIDE

### PFM White Non-Precious (Rex III)

**IDENTALLOY®**  
CERTIFICATE

**Predominantly BASE PB**

The manufacturer certifies that the dental casting alloy provided to the laboratory with this certificate is a Predominantly Base alloy (contains less than 25% total Gold, Palladium and Platinum).  
The laboratory certifies that Predominantly Based alloy was used to fabricate this prosthesis.

Alloy	Manufacturer	Composition %
Rex III®	Pentron Alloys, LLC	Ni 75-77 Al 2.5 Cr 14 Ti <1 Mo 6 Co <1 Be 1.9

DENTIST CERTIFICATE (attach to patient record)  
www.identalloy.org

- Ni - Nickel (75-77%)
- Cr - Chromium (14%)
- Mo - Molybdenum (6%)
- Be - Beryllium (1.9%)
- Al - Aluminum (2.5%)
- Ti - Titanium (<1%)
- Co - Cobalt (<1%)

### PFM White High Noble / Precious (Argedent 52SF)

**IDENTALLOY®**  
CERTIFICATE

**HIGH NOBLE**

HIGH NOBLE ALLOY CONTAINS AT LEAST 40% GOLD AND 50% (TOTAL) GOLD, PALLADIUM AND PLATINUM.

The manufacturer certifies that the dental casting alloy provided to the laboratory with this certificate is a High Noble alloy.  
The laboratory certifies that High Noble alloy was used to fabricate this prosthesis.

Alloy	Manufacturer	Composition
Argedent 52SF	The Argen Corporation	Au 51.5% Ga 1.4% Pd 38.4% Ir <1.0% In 8.5%

DENTIST CERTIFICATE (attach to patient record)  
www.identalloy.org

- Au - Gold (51.5%)
- In - Indium (8.5%)
- Pd - Palladium (38.4%)
- Ga - Gallium (1.4%)
- Ir - Iridium (<1%)

### PFM White Noble / Semi-Precious (NobleCrown NF)

**IDENTALLOY®**  
CERTIFICATE

**NOBLE**

NOBLE ALLOY CONTAINS AT LEAST (TOTAL) 25% GOLD, PALLADIUM AND PLATINUM.

The manufacturer certifies that the dental casting alloy provided to the laboratory with this certificate is a Noble alloy.  
The laboratory certifies that a Noble alloy was used to fabricate this prosthesis.

Alloy	Manufacturer	Composition %
NobleCrown® NF	The Argen Corporation	Pd 25% Cr 20% Co 42.75% B <1 Mo 12%

DENTIST CERTIFICATE (attach to patient record)  
www.identalloy.org

- Pd - Palladium (25%)
- Co - Cobalt (42.75%)
- Mo - Molybdenum (12%)
- Cr - Chromium (20%)
- B - Boron (<1%)

### PFM Yellow High Noble / Precious (Argedent 2000)

**IDENTALLOY®**  
CERTIFICATE

**HIGH NOBLE**

HIGH NOBLE ALLOY CONTAINS AT LEAST 40% GOLD AND 50% (TOTAL) GOLD, PALLADIUM AND PLATINUM.

The manufacturer certifies that the dental casting alloy provided to the laboratory with this certificate is a High Noble alloy.  
The laboratory certifies that High Noble alloy was used to fabricate this prosthesis.

Alloy	Manufacturer	Composition
Goldtech Bio 2000	The Argen Corporation	Au 99.70% In <1.00% Zn <1.00%

DENTIST CERTIFICATE (attach to patient record)  
www.identalloy.org

- Au - Gold (99.7%)
- In - Indium (<1%)
- Zn - Zinc (<1%)

### PFM White Noble / Semi-Precious (Platinum Plus)

**IDENTALLOY®**  
CERTIFICATE

**NOBLE**

NOBLE ALLOY CONTAINS AT LEAST (TOTAL) 25% GOLD, PALLADIUM AND PLATINUM.

The manufacturer certifies that the dental casting alloy provided to the laboratory with this certificate is a Noble alloy.  
The laboratory certifies that a Noble alloy was used to fabricate this prosthesis.

Alloy	Manufacturer	Composition %
Platinum Plus	The Argen Corporation	Pt 20% Ru 5.7% Co 43.5% Cr 29.3% Mn <1% Si <1%

DENTIST CERTIFICATE (attach to patient record)  
www.identalloy.org

- Pt - Platinum (20%)
- Co - Cobalt (43.5%)
- Mn - Manganese (<1%)
- Ru - Ruthenium (5.7%)
- Cr - Chromium (29.3%)
- Si - Silicon (<1%)

### PFM Yellow High Noble / Precious (Argedent 880)

**IDENTALLOY®**  
CERTIFICATE

**HIGH NOBLE**

HIGH NOBLE ALLOY CONTAINS AT LEAST 40% GOLD AND 50% (TOTAL) GOLD, PALLADIUM AND PLATINUM.

The manufacturer certifies that the dental casting alloy provided to the laboratory with this certificate is a High Noble alloy.  
The laboratory certifies that High Noble alloy was used to fabricate this prosthesis.

Alloy	Manufacturer	Composition %
ARGEDENT® BIO 880PF	The Argen Corporation	Au 88 Ir <1 Pt 9.5 Fe <1 Ag 0.5 In 1.5

DENTIST CERTIFICATE (attach to patient record)  
www.identalloy.org

- Au - Gold (88%)
- Pt - Platinum (9.5%)
- Ag - Silver (0.5%)
- In - Indium (1.5%)
- Ir - Iridium (<1%)
- Fe - Iron (<1%)

### PFM White Noble / Semi-Precious (Argelite 80SF+)

**IDENTALLOY®**  
CERTIFICATE

**NOBLE**

NOBLE ALLOY CONTAINS AT LEAST (TOTAL) GOLD, PALLADIUM AND PLATINUM.

The manufacturer certifies that the dental casting alloy provided to the laboratory with this certificate is a Noble alloy.  
The laboratory certifies that Noble alloy was used to fabricate this prosthesis.

Alloy	Manufacturer	Composition
Argelite 80SF+	The Argen Corporation	Au 1.9% Cu 4.9% Pd 80.2% Ru <1.0% Ga 6.8% B <1.0% In 5.5% Zn <1.0%

DENTIST CERTIFICATE (attach to patient record)  
www.identalloy.org

- Au - Gold (1.9%)
- Pd - Palladium (80.2%)
- B - Boron (<1%)
- Zn - Zinc (5.6%)
- Ga - Gallium (6.8%)
- Cu - Copper (4.9%)
- Ru - Ruthenium (<1%)
- In - Indium (5.5%)