



Product Specification Sheet

Federal Premium Ammunition
900 Ehlen Drive
Anoka, MN 55303

LOAD NUMBER: Z9EBR1

CALIBER: 9 mm Luger

CASE: Brass (Copper Alloy No 260)

BULLET: 103 Gr. Enhanced Barrier Round
(Steel Front Core)

PRIMER: Federal No. 200 (Boxer)
Primer mix contains Basic Lead Styphnate
Operating Range -40 to 52°C (-40 to
+125°F)

PRIMER SEALANT: Water resistant completely
around primer

CASE MOUTH SEALANT: Water Resistant
completely around cartridge case mouth

CASE KNURL: None

HEADSTAMP: Each loaded cartridge shall be
headstamped with the manufacturer's symbol and
appropriate cartridge designation.

ACCURACY: Three 5 round groups with
maximum average extreme spread of 7.62 cm
(3.00") at 50 yards using a Mann Rest Test System

INSTRUMENTAL VELOCITY:
402 ± 12 m/s (1320 ± 40 fps) using a 10.16 cm
(4.00") SAAMI standard test barrel at 21°C (70°F)

MUZZLE ENERGY: 573 Joule (423 Ft-lbs.)

CHAMBER PRESSURE: Piezotronic maximum
average per 10 rounds – 241 MPa (35,000 PSI)

BULLET PULL: Minimum individual 36 Kg (80
lbs.)

PROPELLANT DETECTION: 100%
mechanical and/or electrical detection of
propellant levels within the cartridge

VISUAL INSPECTION: 100% visual inspection
of finished cartridges prior to packaging

LOT IDENTIFICATION: Each lot of
ammunition is assigned a unique identification
number to include the day, month and year of
manufacture and assembly line on which
manufactured

