



# ONYX ADVISORY

PRODUCT SPECIFICATION SHEET

ONYX-SPEC-155 / REV 1 / OCTOBER 2026

## 155 mm Artillery Ammunition

Separate-loading ammunition for 155 mm howitzers. Projectile, propelling charge, primer and fuze supplied as a complete lot or as named components, to a national designation or the buyer's drawing. Calibre alone does not establish that a lot can be fired from a given gun. Offered only to qualified government buyers and prime contractors.

### IDENTITY

|                    |                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------|
| Calibre            | 155 mm. A calibre, not a single round                                                                 |
| Configuration      | Separate-loading; projectile, propelling charge, primer and fuze                                      |
| Gun family         | 39-calibre or 52-calibre 155 mm howitzers, as the buyer specifies                                     |
| Typical HE mass    | About 43 kg to about 47 kg, depending on the nature. Context only, not an acceptance limit            |
| Typical HE filling | TNT or Composition B (RDX and TNT)                                                                    |
| Qualification      | A projectile, charge and fuze combination is qualified on the gun. It is not assumed from the calibre |
| Hazard class       | Class 1. Division and compatibility group confirmed on the transport document                         |

### NATURES

|                |                                                                          |
|----------------|--------------------------------------------------------------------------|
| High-explosive | Projectile lots, to the designation or drawing named                     |
| Other natures  | To the designation the buyer names                                       |
| Components     | Complete lots, or projectile, charge, primer or fuze supplied separately |

### PACKAGING AND TRANSPORT

|           |                                                                                                                                                                                                                                               |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging | Projectiles in wooden or metal crates, lifting plugs fitted. Propelling charges in moisture-proof containers                                                                                                                                  |
| Transport | Class 1. Unfuzed projectiles, fuzed rounds and propelling charges carry different UN numbers, divisions and compatibility groups, confirmed per shipment. Road and sea under ADR, RID and IMDG. Air only where IATA and the airline permit it |

### HAZARD IDENTIFICATION (TYPICAL HE)

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Signal word       | Danger                                                                                 |
| Hazard statements | H201                                                                                   |
| Note              | Other natures may carry a different division. The SDS for the supplied nature governs. |

### ACCEPTANCE

|                      |                                                                                                                   |
|----------------------|-------------------------------------------------------------------------------------------------------------------|
| Governing document   | National designation or the buyer's drawing                                                                       |
| Geometry and filling | Mass, length, driving band, filling and fuze well to that drawing. Lifting plug fitted unless fuzes are specified |
| Markings             | To the national standard the buyer names                                                                          |
| Lot identity         | Designation, lot number and quantity, fully traceable                                                             |
| Charge system        | Bag or modular, as specified                                                                                      |
| Lot acceptance       | Dimensional inspection, filling, seal and acceptance to the buyer's standard                                      |

Mass, length and filling are not a generic band. Range depends on the gun and the qualified combination, and is not a supply figure.

### DOCUMENTATION

|                   |                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------|
| Lot records       | Certificate of conformity and lot records: designation, lot number, quantity, filling and the inspection results agreed |
| Safety data sheet | Accompanies every consignment; available to verified buyers before order                                                |

### COMMERCIAL TERMS

|                   |                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------|
| Minimum order     | Quoted per requirement                                                                     |
| Lead time         | Quoted per requirement; governed largely by export authorisation in the producer's country |
| Incoterms         | FOB, CFR or CIF                                                                            |
| Payment           | Through independent, regulated banks against agreed delivery conditions                    |
| Country of origin | Disclosed to verified counterparties                                                       |

### EXPORT CONTROLS

|           |                                                                                                                                 |
|-----------|---------------------------------------------------------------------------------------------------------------------------------|
| Licensing | Export authorisation in the producer's country; UK trade-control licensing where Onyx arranges supply between third countries   |
| Buyers    | Qualified government buyers and prime contractors                                                                               |
| End use   | End-user certificate signed by the end user, in the format prescribed by the producer's export authority, before any commitment |

This sheet describes typical parameters for information and does not constitute an offer. Supply is subject to contract, export authorisation and end-user verification.