

RDX

1. **Destination:** Hexogen is used to fill the fuse caps and for the manufacturing of detonating cords, detonators and mines.
2. **Technical characteristics (according to MIL-R-398C):**

Characteristic	Admissible values
Appearance	fine white crystals
Melting point, °C , min.	200
Ash, % , max.	0.05
Acidity (as HNO ₃), %, max.	0.05

Granulation:

Pass through US STD Sieve, %	Class 1		Class 3		Class 4		Class 5	
	min	max	min	max	min	max	min	max
8	-	-	-	-	100	-	-	-
12	-	-	99	-	-	-	-	-
20	96	100	-	-	-	-	-	-
35	-	-	-	-	0	40	-	-
50	80	100	30	50	-	-	-	-
100	30	90	10	30	-	-	-	-
200	5	45	0	20	-	-	-	-
325	-	-	-	-	-	-	97	-

3. Packing:

RDX is packed in polyethylene bags containing 20 kg of 100% product stabilized with water and overpacked in cardboard boxes with dimensions 450 x 310 x 290 mm. Gross weight of the packed product is 25 kg.

DESENSITIZED RDX

1. **Destination:** Phlegmatized hexogen is used for various type of ammunition, as is or in mixtures with other explosives.

2. **Technical characteristics:**

Characteristic	Admissible values
Appearance	orange grains or crystals
Desensitizing agent, %	5 ÷ 6.5
Humidity and volatile substances, %, max.	0.1
Insoluble substances in acetone, %, max.	0.25
Ash, %, max.	0.15
Silicon dioxide, %, max.	0.04
Acidity (as H ₂ SO ₄), %, max.	0.05
Melting point, °C, min.	201,5
Granulation :	
Over 1.0 mm, %, max.	1.0
0.75 ÷ 1.0 mm, %, max.	5.0
0.50 ÷ 0.75 mm, %	10 ÷ 35
0.30 ÷ 0.50 mm, %	40 ÷ 60
0.10 ÷ 0.30 mm, %	15 ÷ 30
Less than 0.10 mm, %, max.	2.0

3. **Packing:** The product is packed in polyethylene bags containing 20 kg of 100% product, stabilized with 15% water and overpacked in cardboard boxes of 450 x 310 x 290 mm. Gross weight of the packed product is about 25 kg.