

## CRYSTALLINE IODINE

*Jod krystaliczny*

# I<sub>2</sub>

M = 253,81 g/mol

CAS: 7553-56-2

WE: 231-442-4



H: 312, 332, 400

P: 273, 302+352

RID/ADR: not applicable    UN: not applicable

### Physical and chemical properties:

|                            |                |                    |                               |
|----------------------------|----------------|--------------------|-------------------------------|
| Character:                 | solid          | Explosion limits:  | not applicable                |
| Colour:                    | purple         | Vapour pressure:   | 0,29 hPa (20°C)               |
| Odor:                      | sharp          | Density:           | 4,93 g/cm <sup>3</sup> (20°C) |
| Melting point:             | 113,5°C        | Bulk density:      | about 2100 kg/m <sup>3</sup>  |
| Boiling point:             | 184°C          | Solubility:        |                               |
| Auto-ignition temperature: | not applicable | in water:          | 0,3 g/l (20°C)                |
| Ignition temperature:      | not applicable | in other solvents: | soluble                       |

### crystalline iodine sublimate pure

CHEM\*424912406

|       |       |                              |             |
|-------|-------|------------------------------|-------------|
| 25 g  | 50 g  | Assay                        | min. 99,5 % |
| 100 g | 250 g | Non-volatile matter          | max. 0,02 % |
| 500 g | 750 g | Chlorine and bromine (as Cl) | max. 0,01 % |
| 1 kg  | 5 kg  |                              |             |
| 10 kg | 20 kg |                              |             |

### crystalline iodine sublimate pure p. a.

CHEM\*114912407

|       |       |                              |              |
|-------|-------|------------------------------|--------------|
| 10 g  | 25 g  | Assay                        | min. 99,8 %  |
| 50 g  | 100 g | Non-volatile matter          | max. 0,01 %  |
| 250 g | 500 g | Chlorine and bromine (as Cl) | max. 0,005 % |
| 750 g | 1 kg  |                              |              |
| 5 kg  | 10 kg |                              |              |
| 25 kg |       |                              |              |