



PRODUCT SPECIFICATION
(OFFER)
No 12

d/TP/4a

Edition 5st

P. 1

No of pl

1. Name/ chemical formula

Binder S-10

2. General characteristic

Thick liquid with yellow-brown color.

**3. Physical – chemical requirements
(standard of quality ZN -03/Z.Ch."Rudniki" S.A.-258)**

Content of SiO ₂ +Na ₂ O	% min.	35,0
Mole ratio SiO ₂ /Na ₂ O		2,5 ± 0.1
Density in 20 °C	g/cm ³	1,45 ÷ 1,50

4. Applications

Binder for sand-mixes in foundries and steel industry.

5. Indications for industrial safety & fire protection

Due to its high alkalinity the product may cause strong irritation of skin. Avoid contact with eyes. In case of eye contact immediately rinse with plenty of water and get medical attention.

Noncombustible, not feed the burning.

6. Packing & transportation

Tightly closed polyethylene or steel containers . Any means of railway and road transportation. This product is not regulated hazardous material for transportation according to RID & ADR rules. Certificate no. 072/IPO/2003.

7. Storage

Store in plastic or steel containers. Do not admit decrease of temperature below 0°C, because of product freezing and container damage. Indicated storage temperature is higher than 10°C in consideration of density-temperature and viscosity-temperature dependency.

8. Waste utilization

Place spilled product in suitable containers or mix spilled product with sand in order to get concentrated consistency. Neutralize liquid or the mass with solution of sulphuric acid till pH value approx 7. Shovel remains to suitable containers . Flush the area with plenty of water. Further measures in accordance with local appropriate authorities.