

Belarusian State Concern for Oil and Petrochemical

JSC Belgorhimprom

Conclusion

about properties of Isollat heat insulation material

The studies were conducted in the period of 2005-2006 by the specialists of JSC Belgorhimprom on the process and energy equipment of various objects of RUE PA Belaruskalii. During the studies, Isollat-02 and Isollat-04 types were tested. Temperature at the surface of different metal objects during test ranged from 70 to + 390°C. After coating the equipment surfaces with Isollat, heat loss reduces 3-4 times.

We recommend using Isollat insulation for different equipment in industry and energy sector:

- to prevent or reduce corrosion, to reduce or fully eliminate condensation;
- as heat insulation of high-temperature engineering networks and equipment, on complex configuration of pipes, valves and control valves, bends, tees, reducers, expansion joints, fixed supports;
- for insulating joints often repaired;
- for insulating cooled premises and buildings;
- for equipment with high temperature of surface being insulated (up to + 500°C);
- for equipment with temperature of surface being insulated below +150°C without stopping the process;
- on objects where usual insulation is subject to damage due to mechanical impact followed by the coating destruction;
- on high fire risk objects.

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