

*Thematic direction:* Research of influence of technological additives on properties of rubbers on the basis of BNR new generation. Part 4.

## Powder stabilizers on a basis novantox 8 PFDA

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### Abstract

On the basis of novantox 8 PFDA, mineral fillers of chemically precipitated chalk, white soot BS-120 and rosil 175 dust-free powder stabilizers are developed. These powder stabilizers as a part of rubbers on the basis of butadien-nitril rubbers of the new generation are studied. It is proved that fillers do not effect the stabilizing properties of novantox 8 PFDA and its powder forms is effective antifatigue agent and stabilizers of thermally sound rubbers. They together with diafen FP allow to obtain ozone-resistant rubbers. Introduction into the protection system of powder forms of novantox 8 PFDA improves the dynamic properties of cured stocks as well as conserves their hardness after the influence of elevated temperatures and severe atmosphere.