

99-0129

The invention relates to the new oligomeric stabilizers, particularly, to the 2-mercaptobenzimidazole derivatives, which may be used for polymeric materials stabilization, functioning in conditions promoting removing of the usual low-molecular stabilizers (contact to the solvent, vacuum).

Summary of the invention consists in that as antioxidant for polymeric materials there is proposed oligo-5-vinyl-2-mercaptobenzimidazol of general formula:

wherein $n=20\dots30$.

The technical result consists in transference of the 2-mercaptobenzimidazole stabilizing properties to the oligomers, grafted by this compound and in complete lack of extractability and volatility of the stabilizer from the polymeric material.

Claims: 1