

Title (en)  
STYRENE/BUTADIENE BLOCK COPOLYMERS STABILIZED WITH -g(a)-TOCOPHEROL

Title (de)  
MIT -g(a)-TOCOPHEROL STABILISIERTE STYROL/BUTADIEN-BLOCKCOPOLYMERE

Title (fr)  
POLYMERES SEQUENCES STYRENE-BUTADIENE STABILISES PAR -g(a)-TOCOPHEROL

Publication  
**EP 0765362 A1 19970402 (DE)**

Application  
**EP 95923266 A 19950608**

Priority  
• DE 4420769 A 19940615  
• EP 9502212 W 19950608

Abstract (en)  
[origin: WO9534600A1] The invention concerns moulding compounds consisting of styrene/butadiene block copolymers produced by anionic polymerization and general structure (I), in which A is a block-copolymer segment made up of at least one polystyrene block with a molecular weight of 3,000 to 230,000 and one polybutadiene block with a molecular weight of 2,000 to 30,000 and B is a block-copolymer segment made up of at least one polystyrene block with a molecular weight of 2,000 to 60,000 and one polybutadiene block with a molecular weight of 2,000 to 30,000, the total molecular weight of A being 50,000 to 250,000 and that of B 5,000 to 75,000, the block transitions being sharp or indistinct and the overall star-branch number m+n being 3 to 15, with the provision that  $m \leq n$ , and/or a linear styrene/butadiene block copolymer with at least two polystyrene blocks and at least one polybutadiene block, lying within the same molecular-weight ranges as given above, plus 0.01 to 1 % by weight, relative to the amount of polymer, of alpha -tocopherol.

IPC 1-7  
**C08K 5/15**; **C08L 53/02**

IPC 8 full level  
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