

Abstract

Process for recycling polyarylene sulfides

The present invention relates to a process for obtaining polyarylene sulfide from polyarylene sulfide-containing material. For this purpose, the polyarylene sulfide-containing material is treated with a solvent in which it dissolves, and is subsequently reprecipitated. The invention also relates to the purification of polyarylene sulfide-containing material by separating off extraneous substances, to polyphenylene sulfide particles having a specific surface area of at least $80 \text{ m}^2/\text{g}$ and to their use as filter material.