ABSTRACT

POLYPHENYLENE ETHER POWDER WITH MICROVOIDS AND METHOD OF PRODUCING SAME

Disclosed is a polyphenylene ether powder that exhibits a high loose bulk density, high solvent solubility, and good handleability, despite being a high-molecular-weight material. The disclosed polyphenylene ether powder includes particles, wherein in each particle, the volume of voids larger than 6.5 μm in diameter is 4.0 % to 13 % of the total volume of the particle, and the volume of voids larger than 6.5 μm but not larger than 9.8 μm in diameter is 70 % to 100 % of the volume of the voids larger than 6.5 μm in diameter.

(No drawing to be published)