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1 Introduction

ing a high aspect ratio (fiber length/diameter) and high uniformity in shape. Its dispersibility is high, since there is no intertwining between fibers, and it is free of non-

Table 1 Typical properties of TIPPEX

plastics matrix as well as easy handling property and high flowability, thereby permitting an improvement in operating productivity during the compounding process.

The granulation techniques for fillers such as talc and

Fig. 2. It is expected that TIBREX will be applied not only to plastics but also to metals and ceramics. For example, reinforcements, friction materials, heat insula-

tors, insulating materials, catalyst substrates, filter mate-

3 TIBREX Applications

3.1 Application Examples

have been produced in TIBREX.

3.2 Plastic Reinforcement Examples

As shown by PA-6 (6-nylon) in **Fig. 3** and by PBT (polybutyleneterephthalate) in **Fig. 4**, TIBREX drasti-

modulus. It is also known that such properties as heat