

Neodyrnitun- cafllysed polybutadienes

Abstract

The invention relates to a high-molecular-weight, linear, neodymium-catalysed polybutadiene having a high proportion, >95%, of cis-1,4 units and having a low proportion, <1%, of 1,2-vinyl content and also having a small molar-mass-polydispersity index (MPI), characterized in that

- Mooney viscosity (ML 100°C) of the polybutadiene is from 70 to 90 and
- the molar-mass-polydispersity index of the polybutadiene is smaller than 10.