

## Abstract

METHOD FOR MEASURING CONCENTRATION OF PROPYLENE POLYMER SLURRY,  
AND PROCESS FOR PRODUCING PROPYLENE POLYMER

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A method for measuring a concentration of a propylene polymer slurry contained in a polymerization reactor, in which liquid phase-filled polymerization of propylene or a combination of propylene with a comonomer is carried out, according to the  
10 defined formula,  $\text{slurry concentration} = 0.1(Q_0 - Q_I) / (Q_P P_I)$ ; and  
a process for producing a propylene polymer comprising the step  
of homopolymerizing propylene or copolymerizing propylene with  
a comonomer in a liquid phase-filled polymerization reactor while  
measuring a concentration of a propylene polymer slurry  
15 contained in said polymerization reactor according to the above  
formula.