

STARTER FEED STREAM
ACIDIFICATION IN DMC-CATALYZED PROCESS

ABSTRACT OF THE DISCLOSURE

The process of the present invention provides for the manufacture of lower molecular weight DMC-catalyzed polyols than is possible using non-acidified continuous addition of starter (CAOS) feeds, by adding excess acid to a starter feed stream over that required for mere neutralization of the basicity of the starter. The benefits of the invention also extend to starters which do not contain basicity. Polyether polyols made by the inventive process may be used to produce improved polyurethane products such as coatings, adhesives, sealants, elastomers, foams and the like.