

Cellulose degradation products as a raw material for PUR foams



Constituent	Content [%]
holocellulose	73.15
α -cellulose	33.44
lignin	10.84
ash	1.33

Cellulose-rich waste oil palm trunk can be subjected to acid-catalysed liquefaction.

The solvolysis yields a mixture of cellulose degradation products that can be used as building blocks for polymers including polyols for polyurethanes.



oil palm trunk

