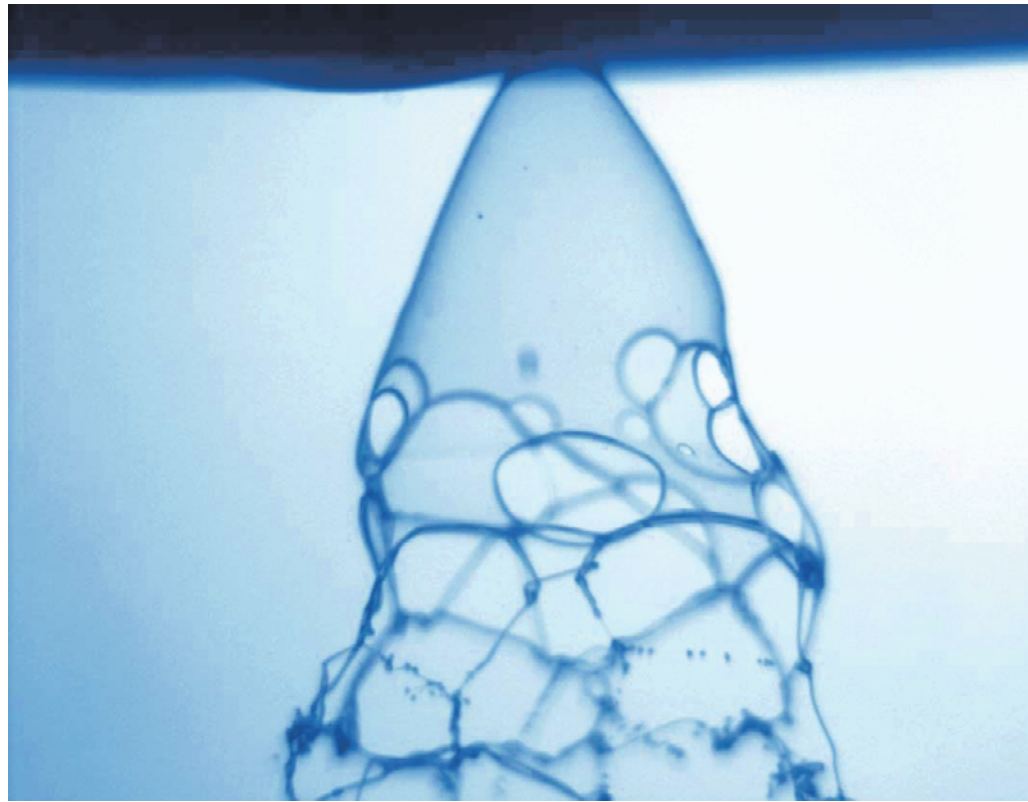


### 3. Pressure Atomiser : Hole Breakup of the Sheet

*Sindayihebura, D.<sup>1)</sup> and Dumouchel, C.<sup>1)</sup>*

*1) UMR 6614 CORIA, Universite de Rouen, 76 821. Mont-Saint-Aignan CEDEX, France*



The picture shows the sheet produced by a pressure swirl atomiser at initial stage of break up. The liquid pulverised is a mixture of water and a polymer charge. The liquid is slightly non-Newtonian, and opposite to what occurs with low viscosity liquids, the break up is occurring through the appearance of holes.