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of water on paraffin wax with drop size, inclination of
the wax surface, and deformation of the drop. The re-
sults are considered in the light of the physical mecha-
nism of adhesion of drops to a solid surface. The roll-
ing of drops down an inclined surface is also discussed.
The influence of electrical potential differences on the
contact angle was demonstrated for the case of mer-
cury, but not for solid metallic surfaces. The ob-
served changes in contact angle and the qualitative pic-
ture of the deformation of drops on compression, evap-
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DESCRIPTORS: *Coal, Processing, *Coke, Production.

Interaction between grains of different coals in a blend during the coking process should be regarded as a topochemical process and therefore the presence of chemical combinations can be assumed between the products of coal decomposition, even in the case when the grains of coal preserved their form. The depth of penetration of the plastic mass of coals into a medium consisting of grains or products resulting from the decomposition (Engineering--Chemical, TT, v. 6, no. 9) (over)

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