

OLIN POLYETHYLENE HAS ITS INCEPTION HERE THIS MONTH

POLYETHYLENE IS ONE OF THE YOUNGEST
AND MOST PHENOMENAL FILMS

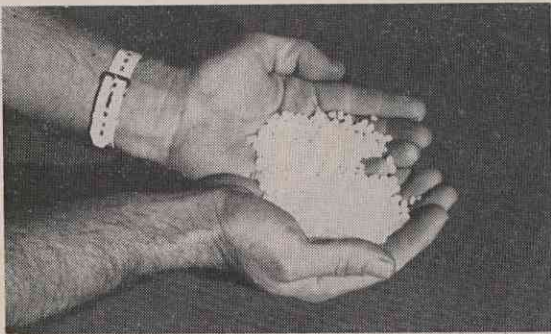
WITH the beginning of polyethylene film production earlier this month, the Film Division's Pisgah Forest plant now enjoys the unique position of manufacturing in one plant two of the most important transparent films in the packaging industry. Full scale production of this wonder film is expected early in 1955, according to M. L. Herzog, General Manager of the Film Di-

vision. Olin cellophane has been produced here since 1951.

Like so many other products on the American market today, polyethylene started out as a the "Unwanted Child." In 1933, chemists of Imperial Chemical Industries in England were attempting to create a new plastic material by combining liquid ethylene with an aldehyde compound.

They were unable to join the two, but found in the process that the ethylene changed from a liquid into white, waxy flakes. They had found a new plastic but could foresee no use for it.

Polythylene did not come into its own until World War II when engineers were desperately searching for an insulating material that would work in radar equipment. They found that the almost forgotten polyethylene had exceptional insulating qualities. Construction of a polyethylene plant in England began immediately, and, with



Left: Polyethylene resin.

Below: Harrison Queen moves rolls of polyethylene film to the Wrap and Pack area where they will be packaged for shipment to our customers.

