

Filament OE

open-end .
가 open-end .
가 Cone 3가 .
cone cone loop
(Fig.1) nylon cone
suction gun . 1dtex
10,000ft/min cone . 100dtex 100ft/min
가 가 loop .
, (core yarn)가 가
가 .
Fig.2 cone spark cone
web
가 .
가 가 .
100 .
, 가 .
Cone .
100turns/ft가 1turns/ft .

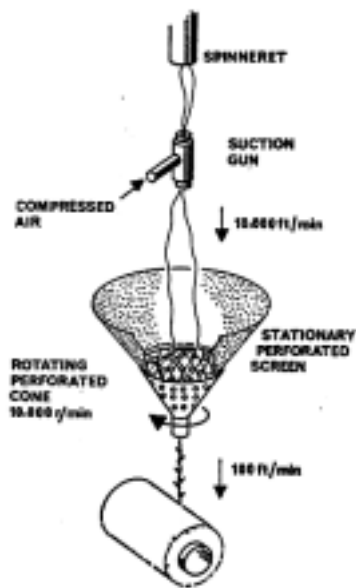


Fig. 1 Cone-spinning

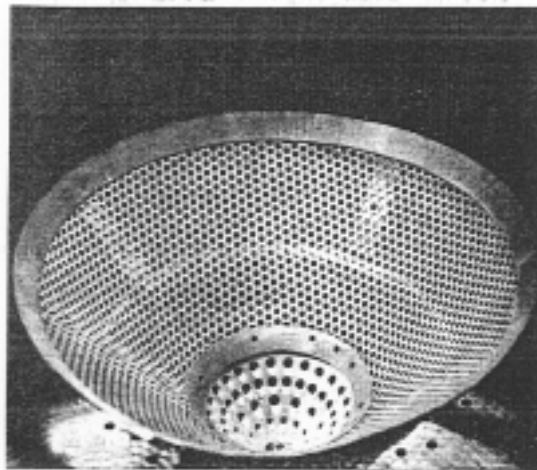


Fig. 2 Spark photograph of cone-spinning

Fig 3

godet

. (: godet ,)
 godet가 (spinneret) . 가
 가 가 godet .
 sleeve()가 godet . sleeve
 godet . Sleeve가
 가 .
 Sleeve 가 loop
 . 2.5inch godet가 20,000rpm
 1dtx 가 10,000ft/min
 .
 100dtxdml 100ft/min . Fig 4 godet
 .
 Godet 가 가 loop
 가 . Godet loop
 . Fig 5
 godet godet
 .
 loop가 . Fig 6
 godet . 가 (wrapping)
 .
 nylon , .
 loop singeing .
 , 가 가 open-end

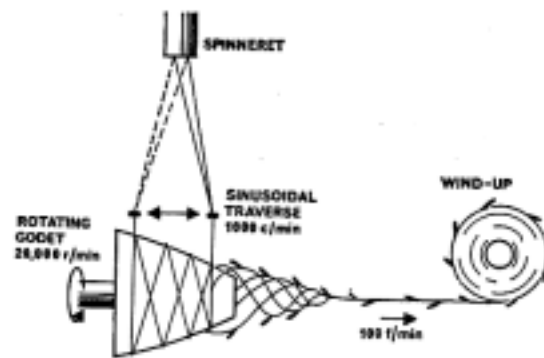


Fig. 3 Godet-spinning

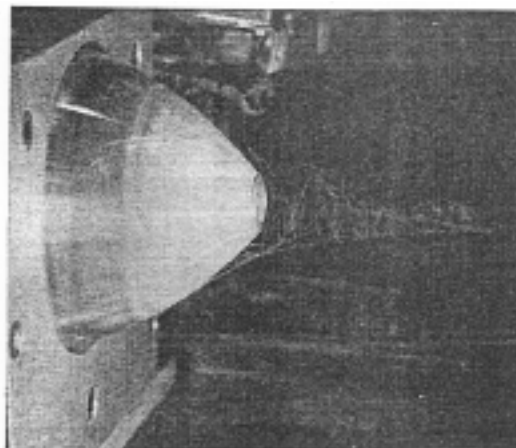


Fig. 4 Spark photograph of godet-spinning

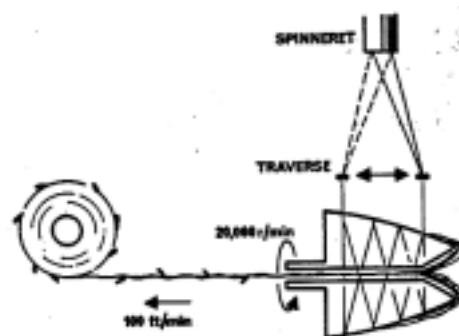


Fig. 5 Everted godet-spinning

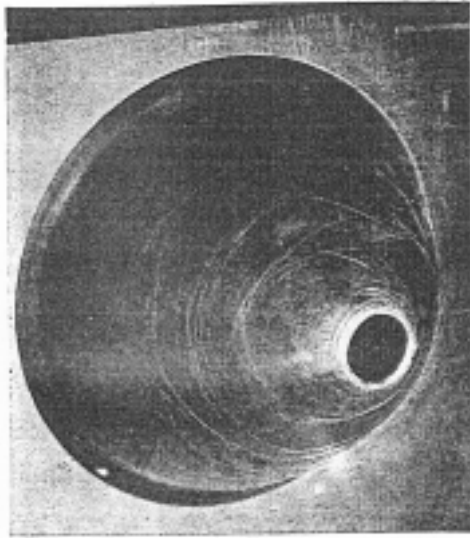


Fig. 6 Spark photograph of everted godet-spinning