



<b>Y-201 YbF<sub>3</sub>, 99.99%</b>	<b>Crystal Granules 1~3mm</b> <b>(Possible non-radioactive replacement for Thorium Fluoride</b> <b>between 3~12 micron)</b>
Melting Point	1150°C
Transmission Range	0.22~12 micron
Refractive Index	n=1.53 (500nm) n=1.52(1~5 micron) n=1.40 (8 micron) n=1.38 (10 micron)
Density	8.7 g/cm <sup>3</sup>
Evaporation Temperature	1100°C
Substrate Temperature	175~250°C
Rate of Condensation	20~50A <sup>0</sup> /sec
Recommended Source	Molybdenum or graphite crucible by electron beam gun Molybdenum boat by thermal evaporation.

It produces low-index film layers that exhibit good transparency in UV through Infrared (12 micron). The films are insoluble and show low stress. Film is durable.

**Application:** Anti-reflection coatings.

