



**Y-101 YF3, 99.99% Crystal Granules 3~10mm**  
**Y-102 YF3, 99.99% Crystal Granules 1~3mm**  
**(Possible non-radioactive replacement for Thorium Fluoride)**

Melting Point	1387°C
Transmission Range	0.2~14 micron
Refractive Index	n=1.50 (500nm)
Density	4.01 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 crucible by electron beam gun Molybdenum boat by thermal evaporation.

It forms crystalline, which it has melting better, less out gassing, less spitting and less powder than sintered granules. It shows good adhesion and low stress.

**Application:** IR Multi-layers, A.R. coatings.

