

Germanium

# Ge

32



Discovered in 1886



Discovered by  
Clemens Winkler



85% of the world  
consumption of  
germanium is in  
fiber optics



The name is  
derived from the  
Latin name for  
Germany,  
'Germania'

Germanium oxide has a high index of  
refraction and dispersion - it is  
suitable for use in wide-angle camera  
lenses and objective lenses for  
microscopes