



Anyagtudomány és Technológia Tanszék



MéRNÖKI anyagok alkalmazástechnikája

Anyagi tulajdonságok diagramjai

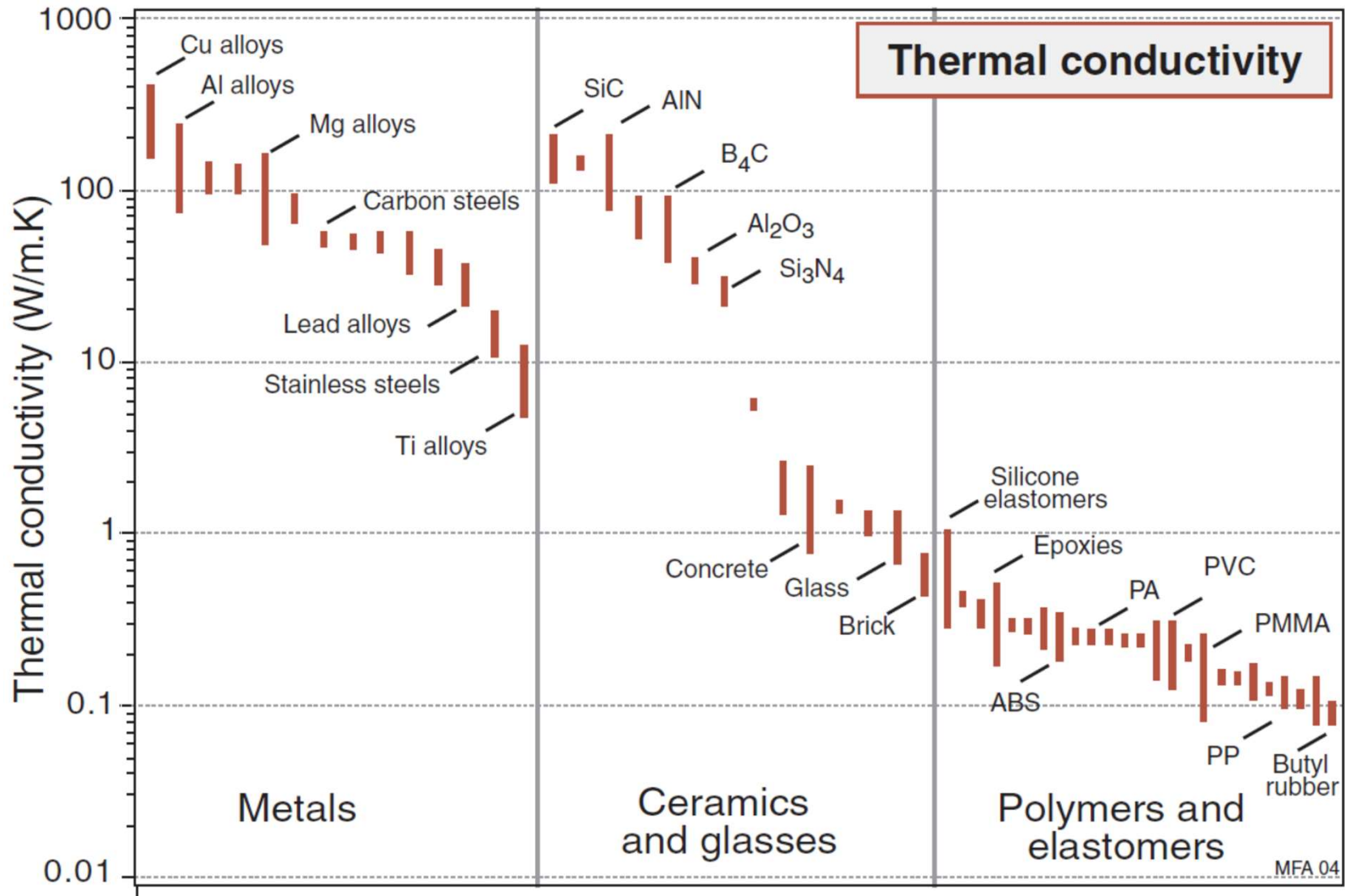
Dr. Orbulov Imre Norbert
orbulov.imre.norbert@gpk.bme.hu

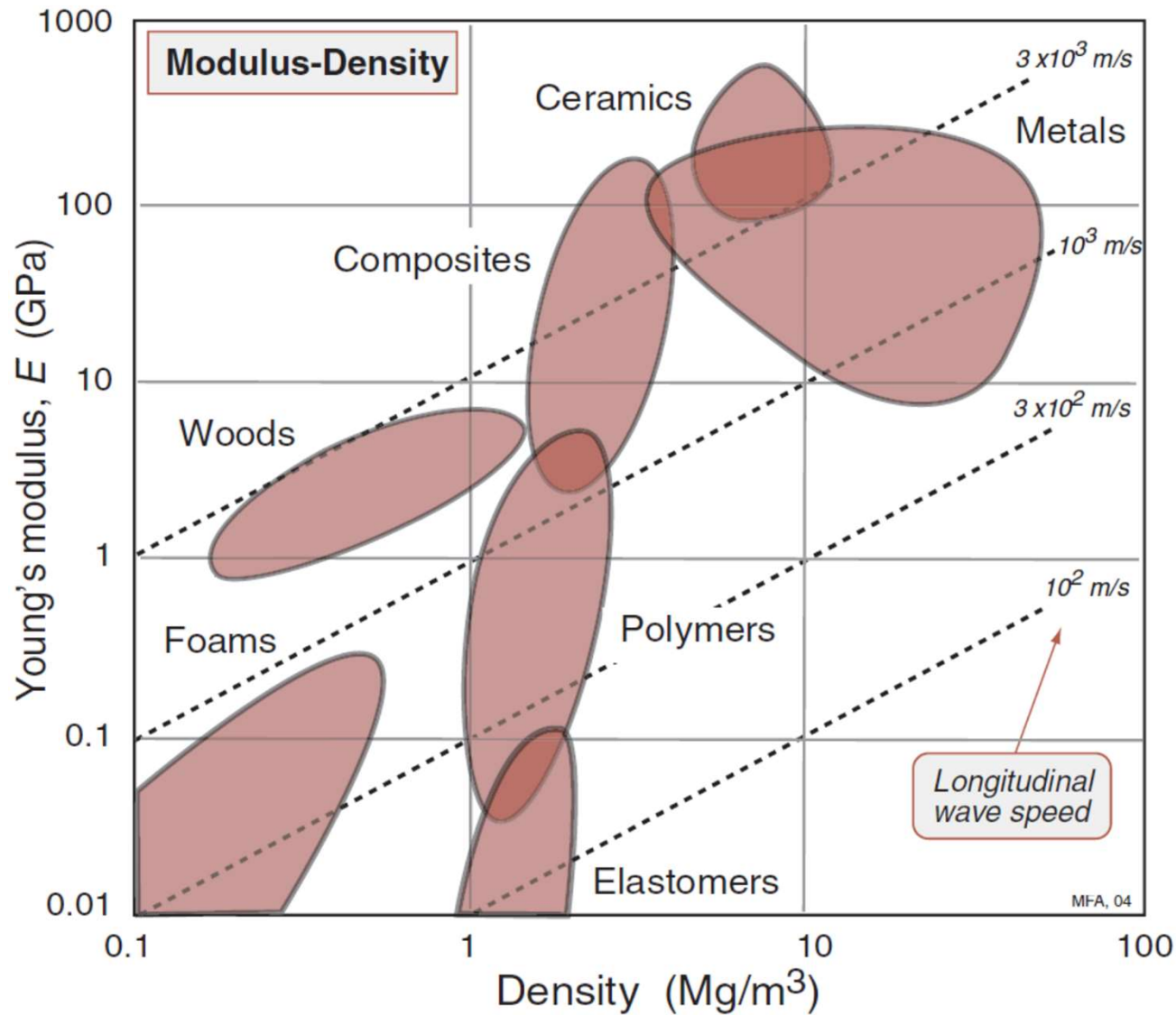
- Az anyagok tulajdonságainak vizuális megjelenítéséről
- A klasszikus módszerről
- Az Ashby-féle anyagi tulajdonság diagramokról*
 - Felépítésükről
 - Használatukról
 - A bennük rejlő előnyökről

Miért fontos ez?

Jelentősen megkönnyítik az anyagválasztás folyamatát

* Elérhető https://bmeedu-my.sharepoint.com/personal/orbulovi_edu_bme_hu/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Forbulovi%5Fedu%5Fbme%5Fhu%2FDocuments%2F%2D%3DOKITAS%2F%2D%3DMAT%2FASHBY%2DMaterials%20Selection%20in%20Mechanical%20Design%2Epdf&parent=%2Fpersonal%2Forbulovi%5Fedu%5Fbme%5Fhu%2FDocuments%2F%2D%3DOKITAS%2F%2D%3DMAT&ga=1

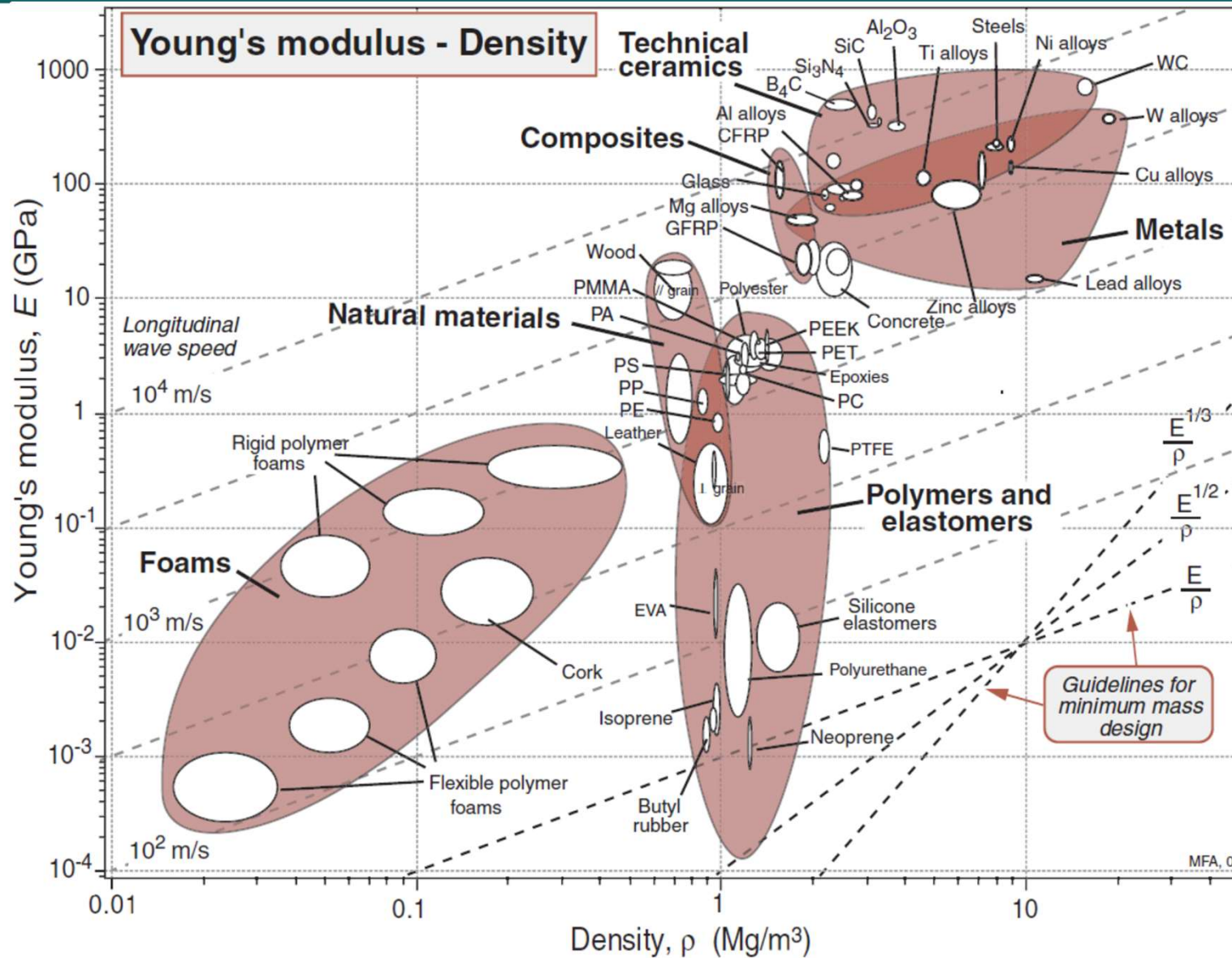


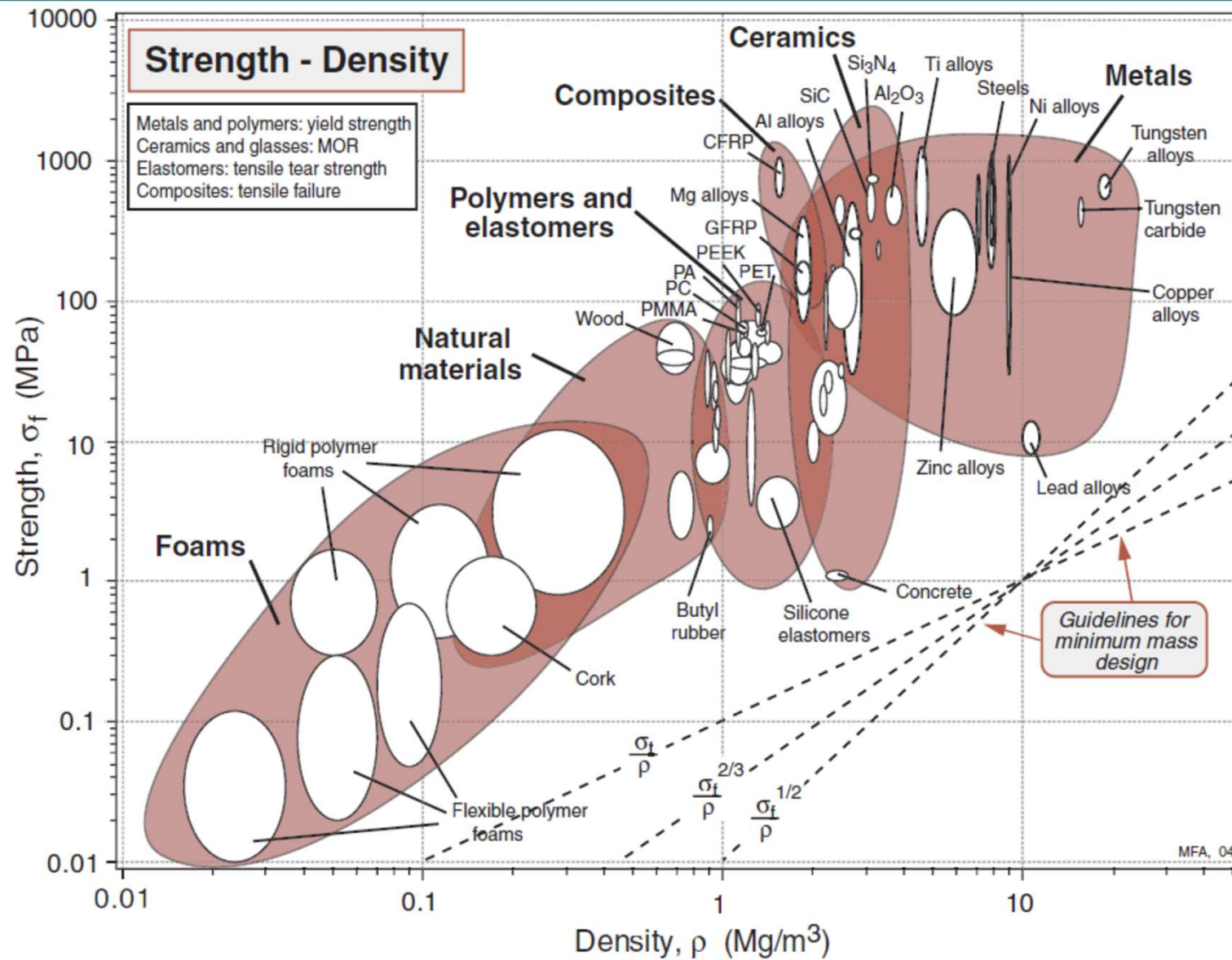


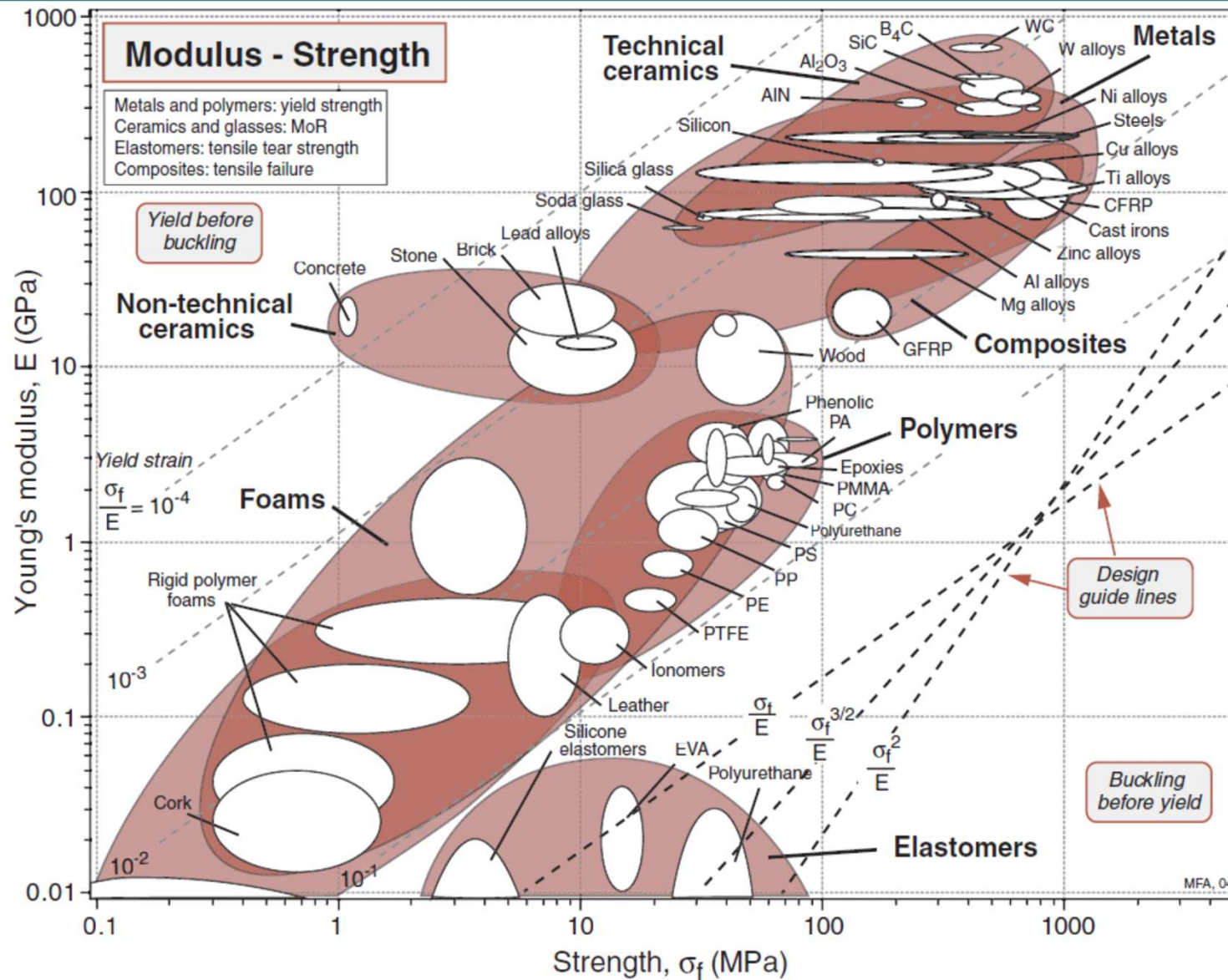
$$v = \left(\frac{E}{\rho} \right)^{1/2}$$

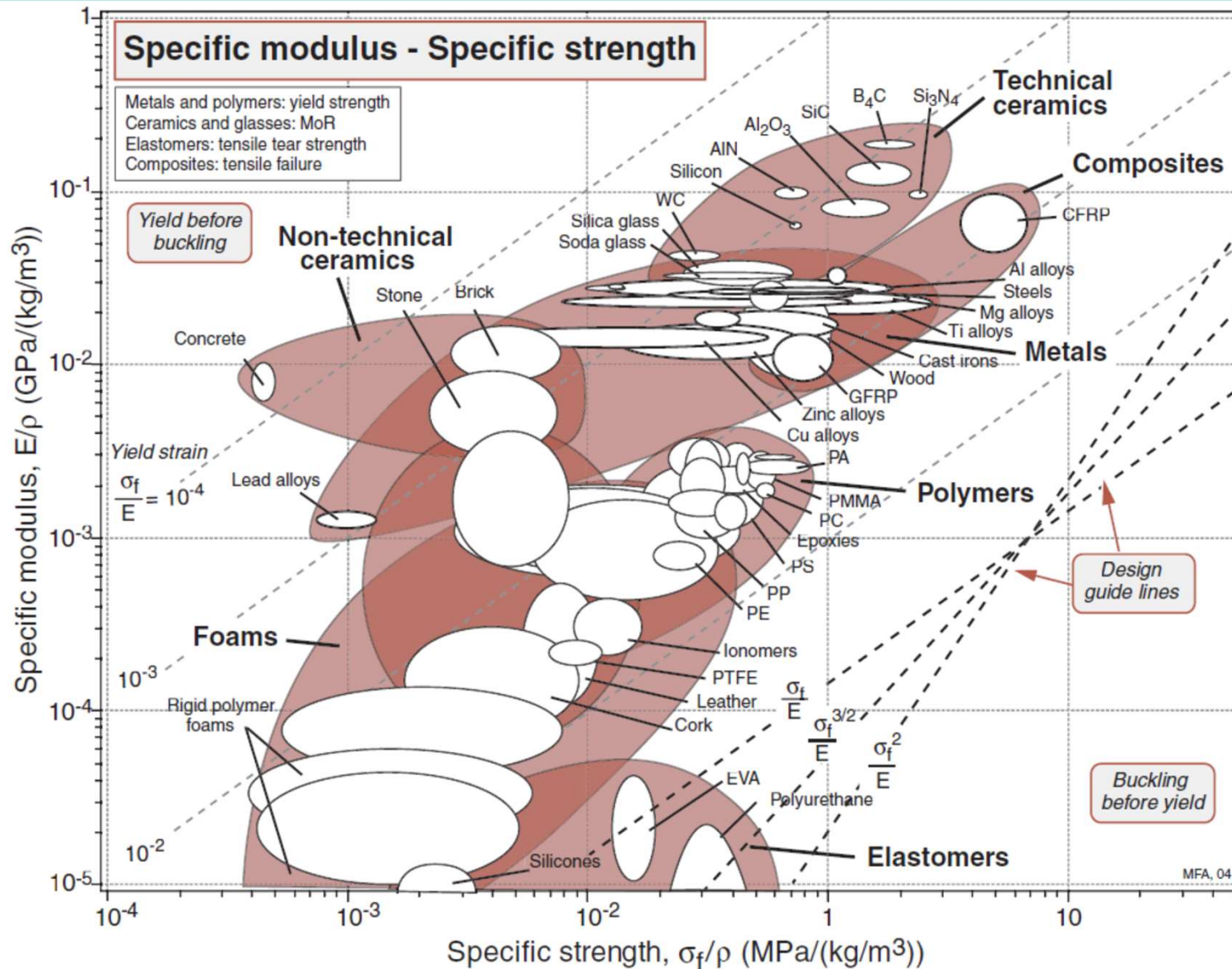
$$\log E = \log \rho + 2 \log v$$

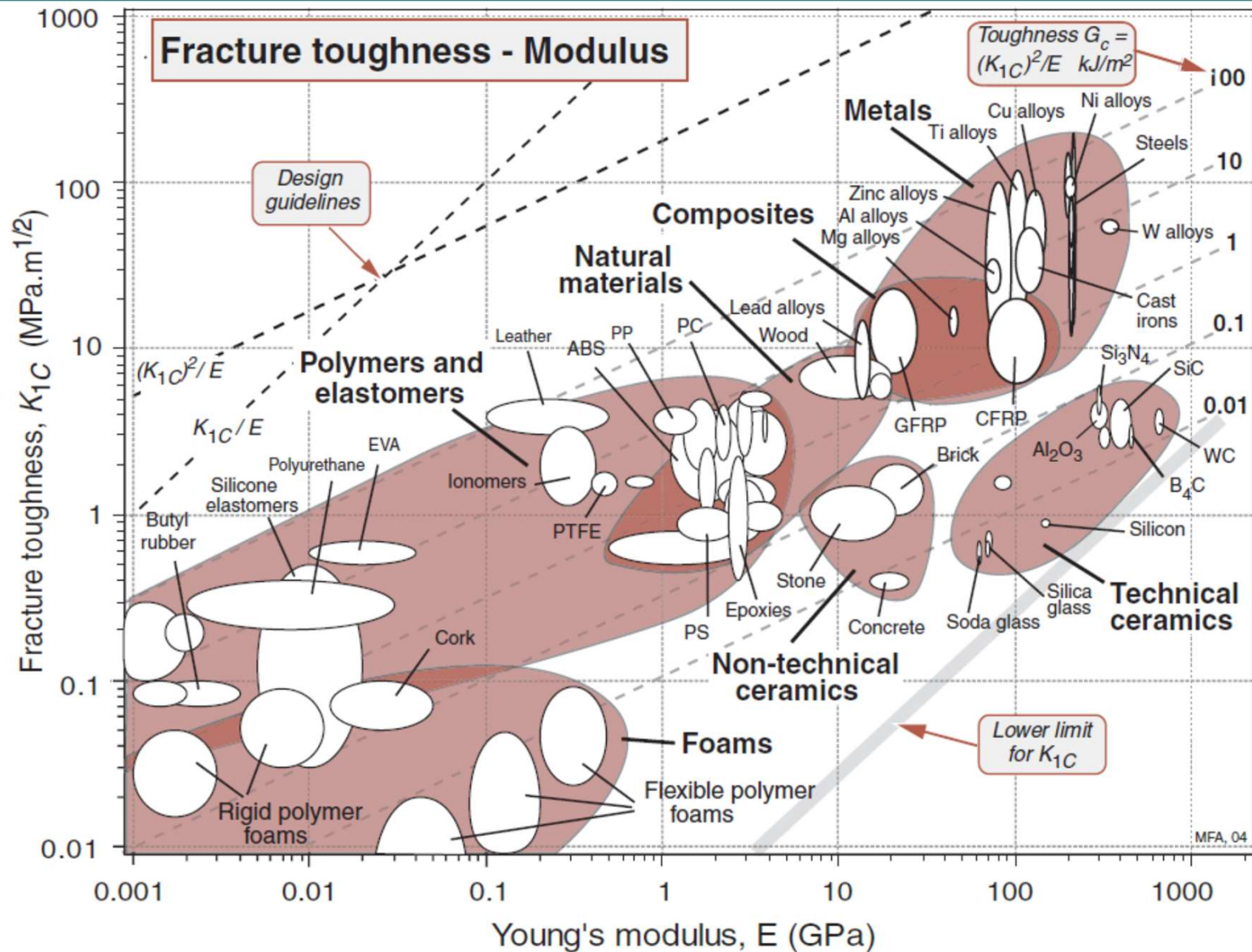
Nézzük a legfontosabbakat...

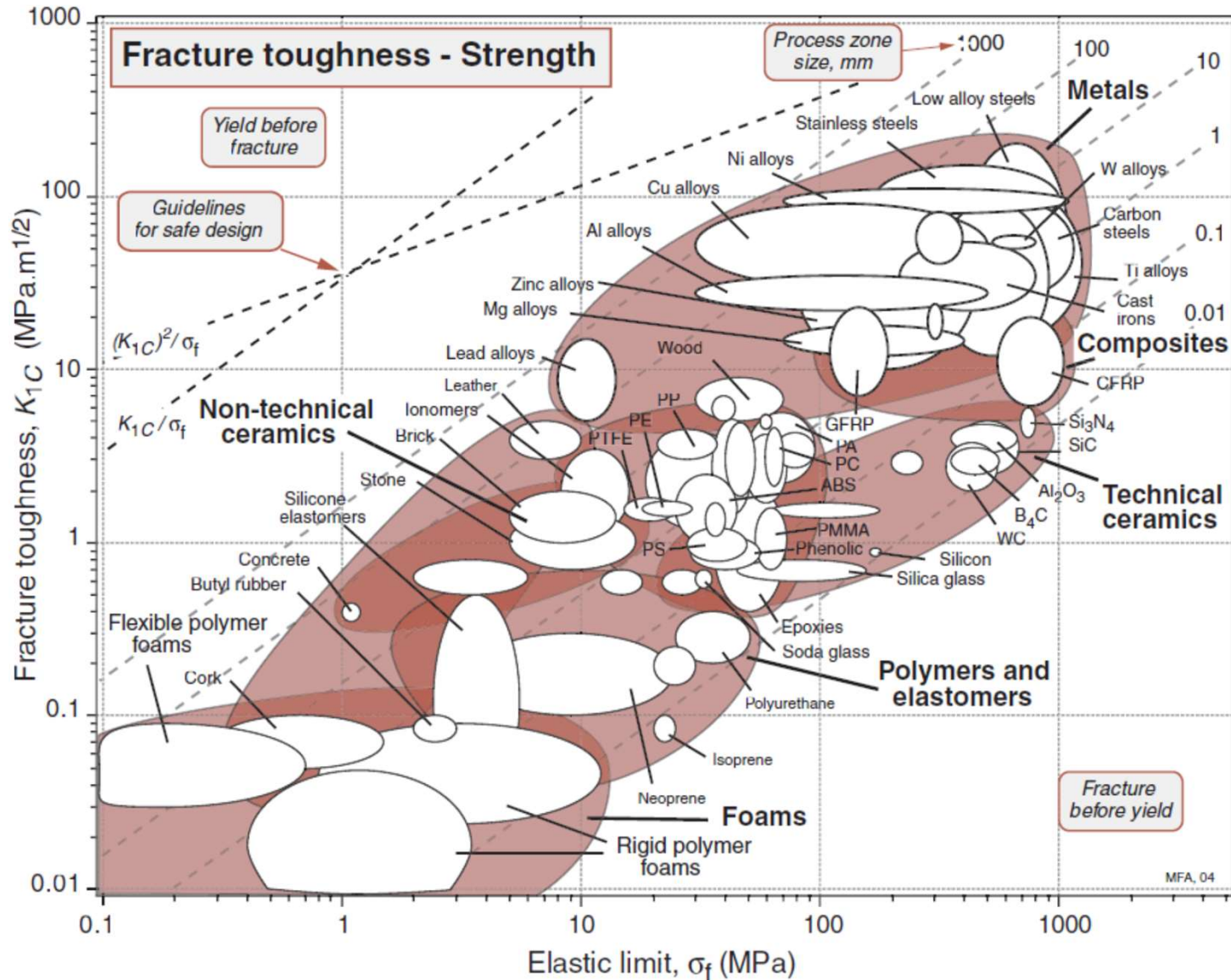


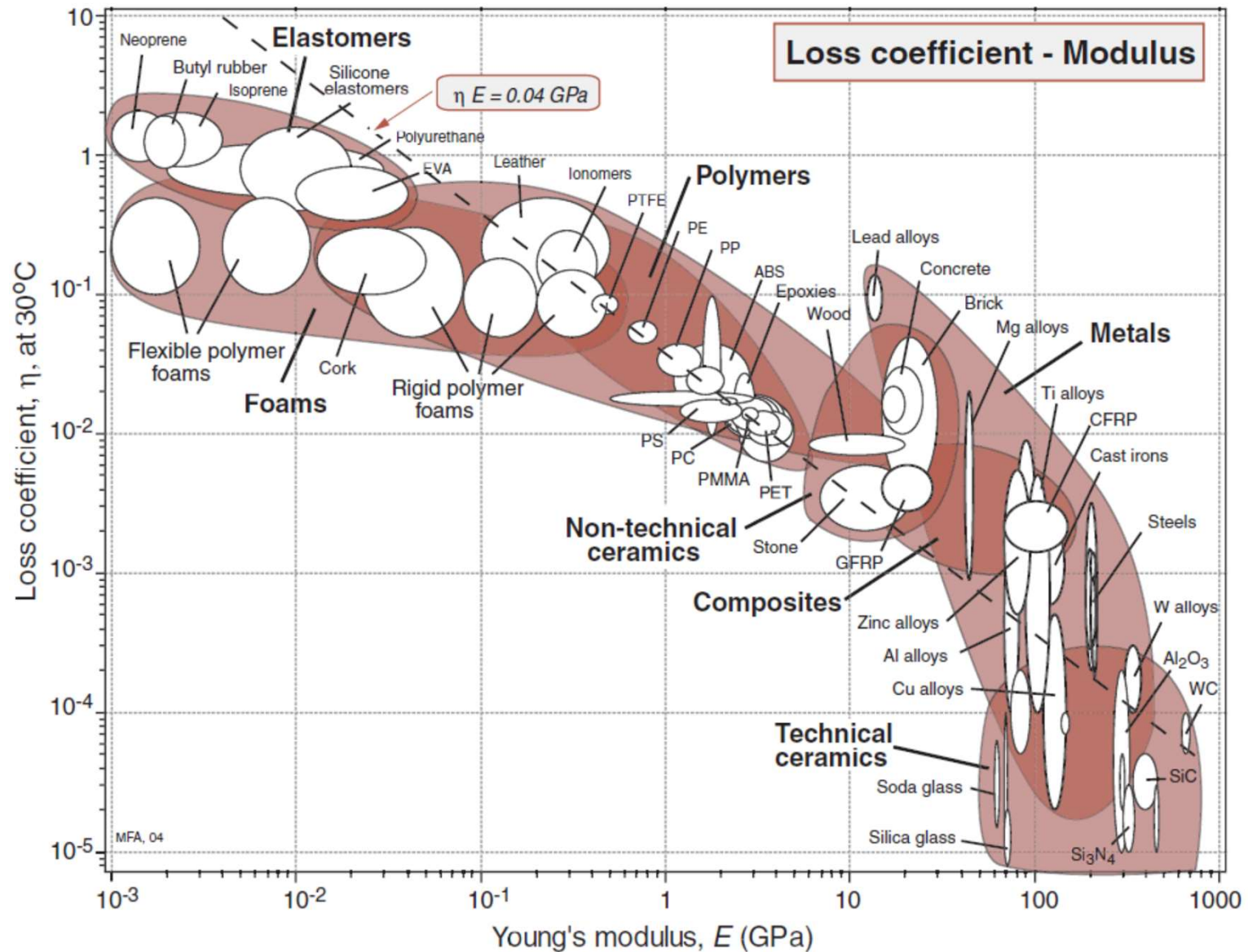


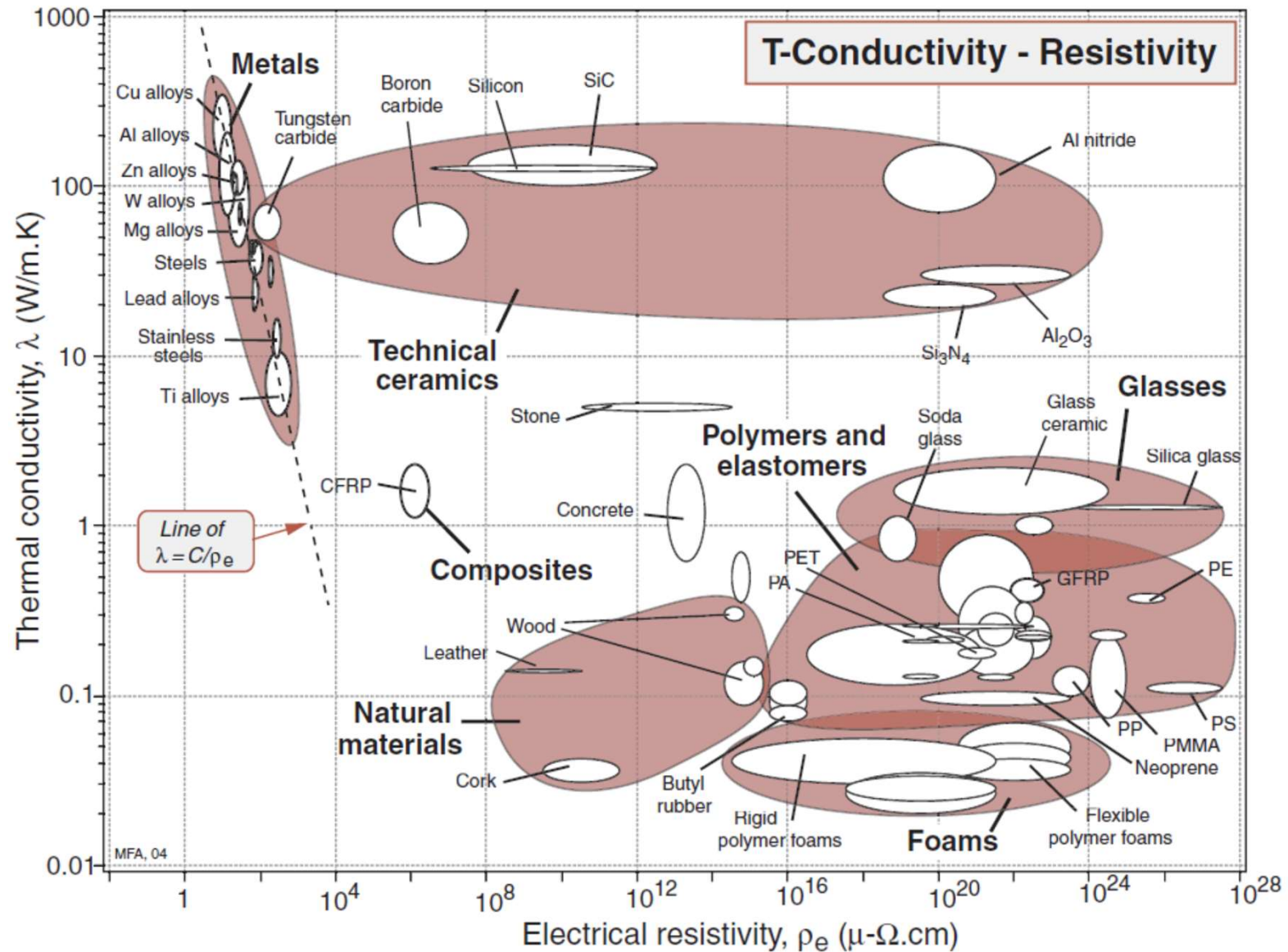


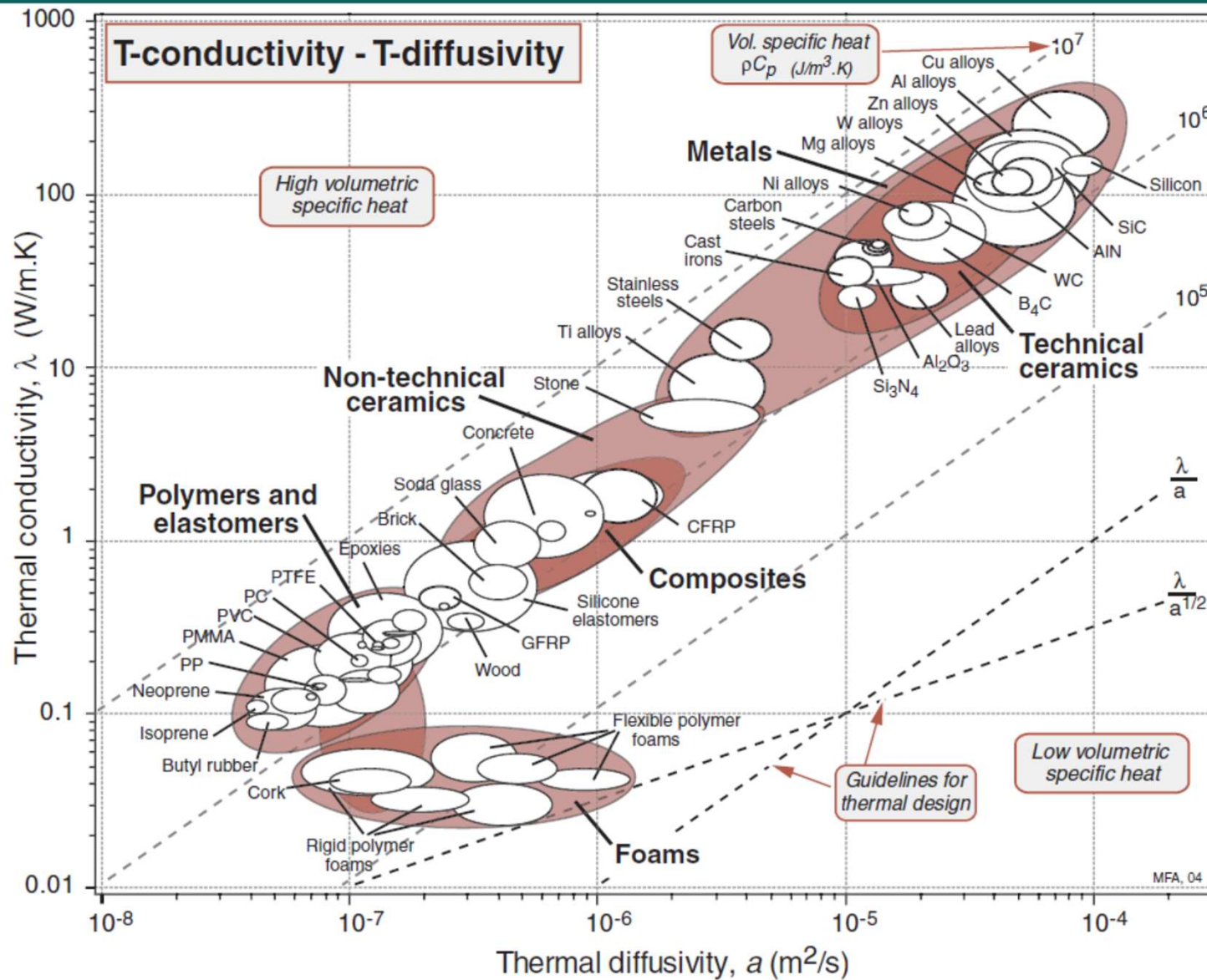


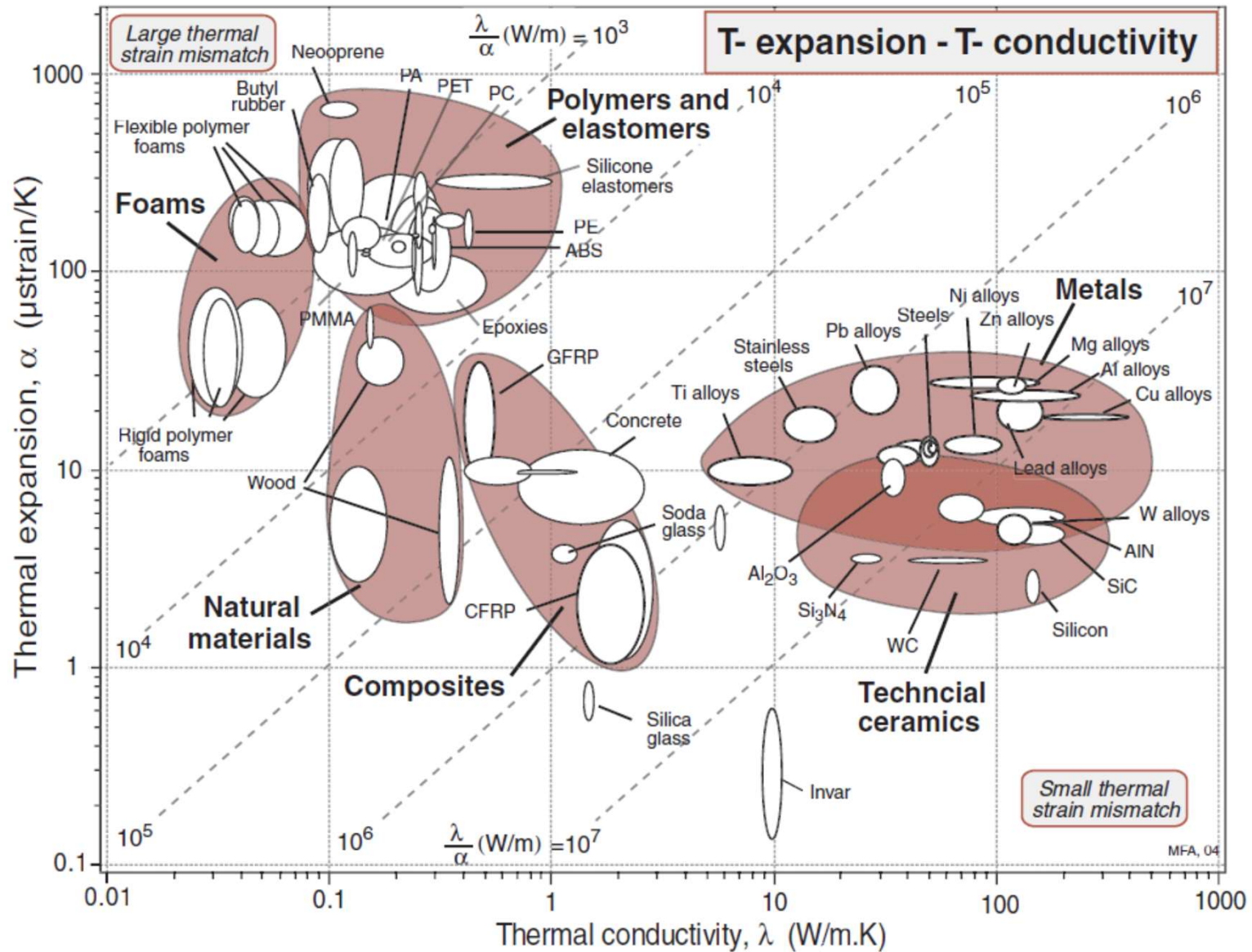


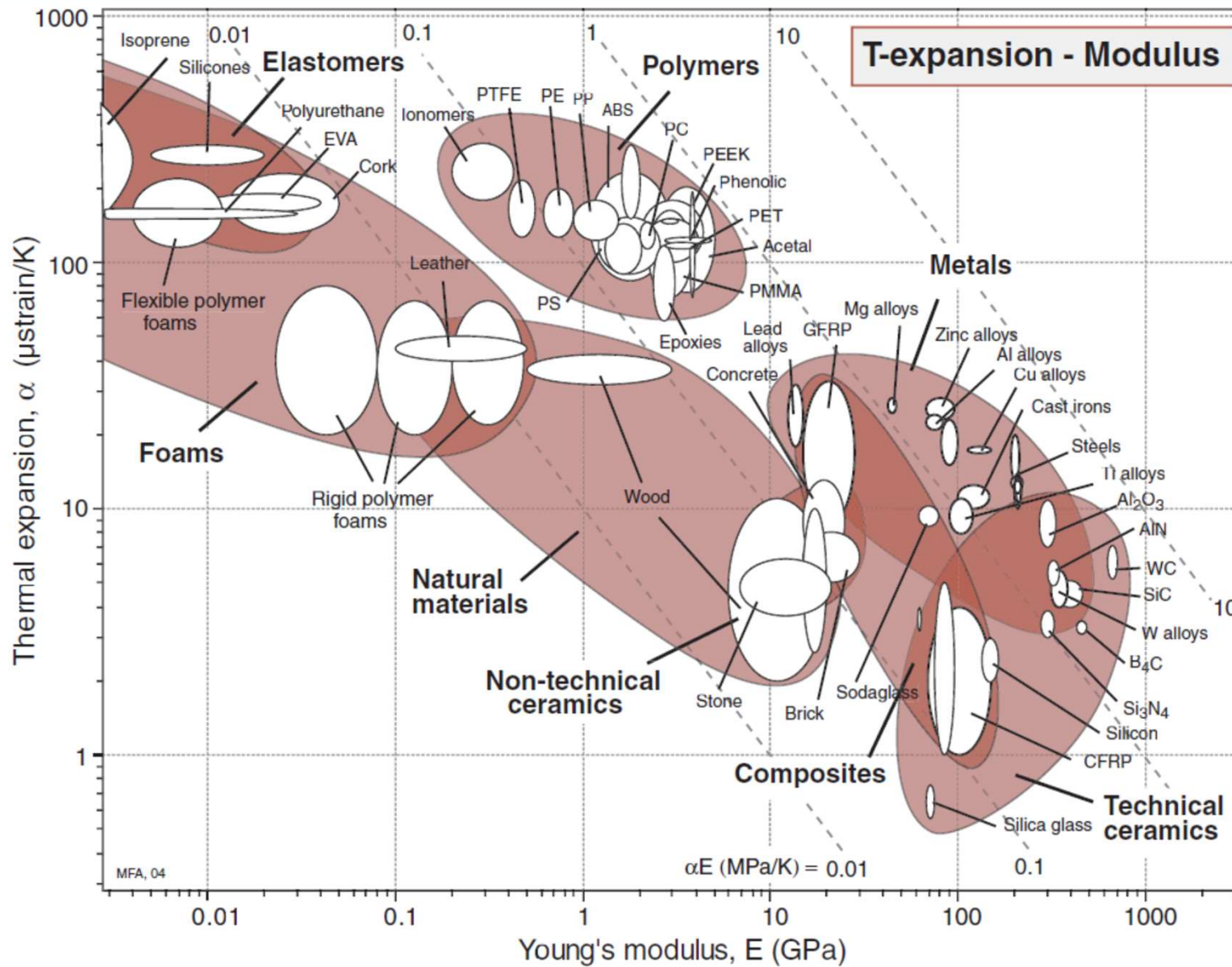


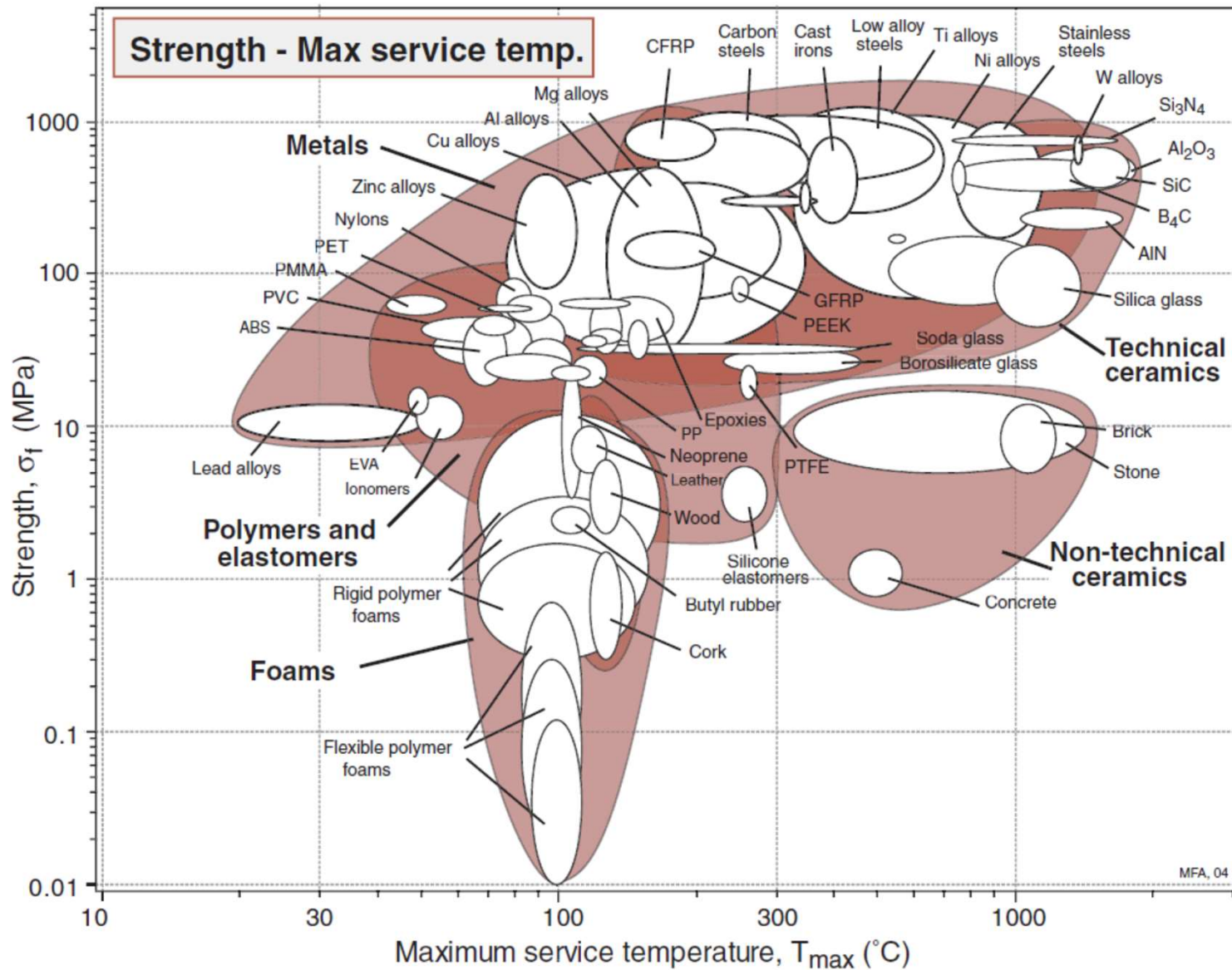


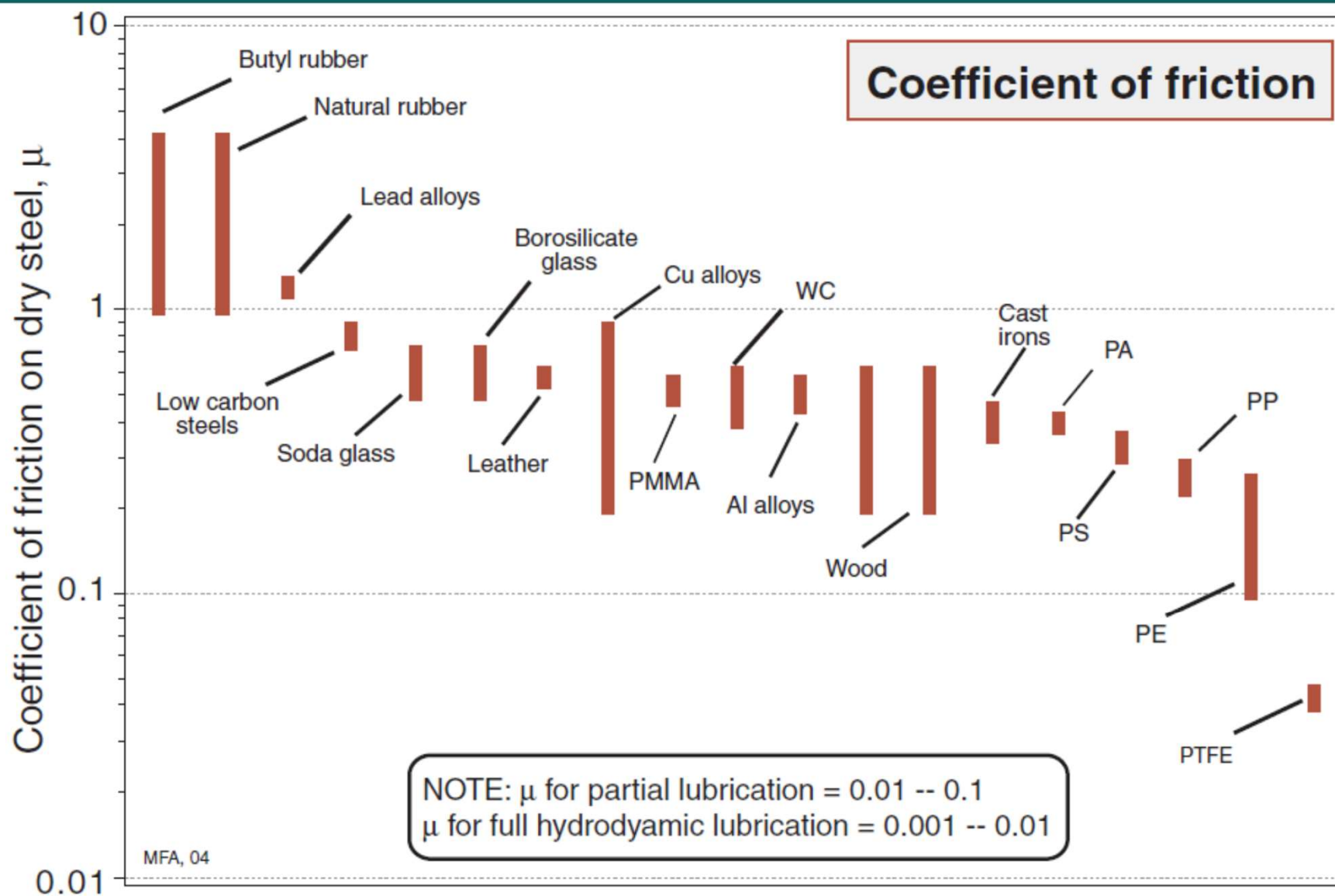


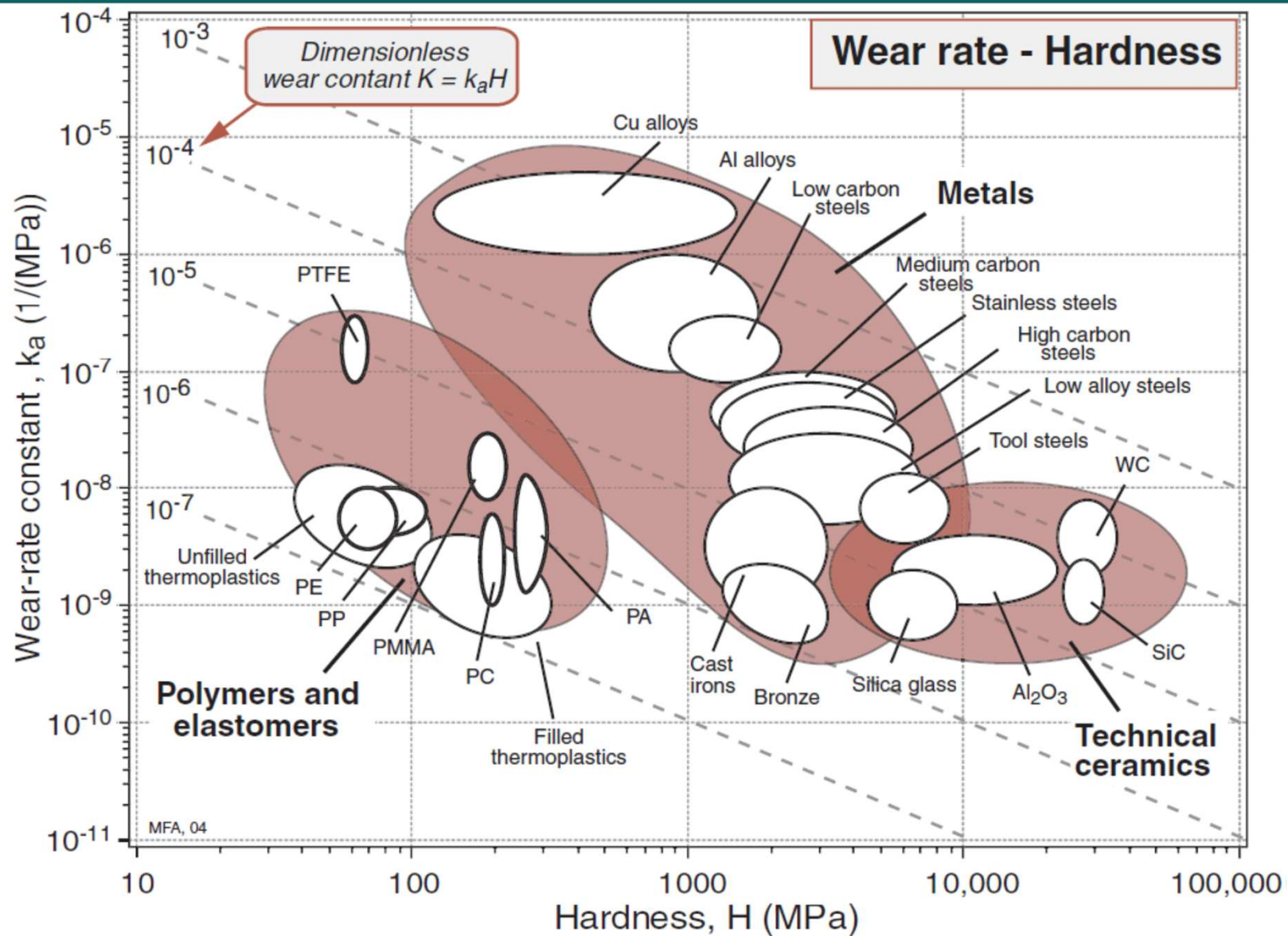


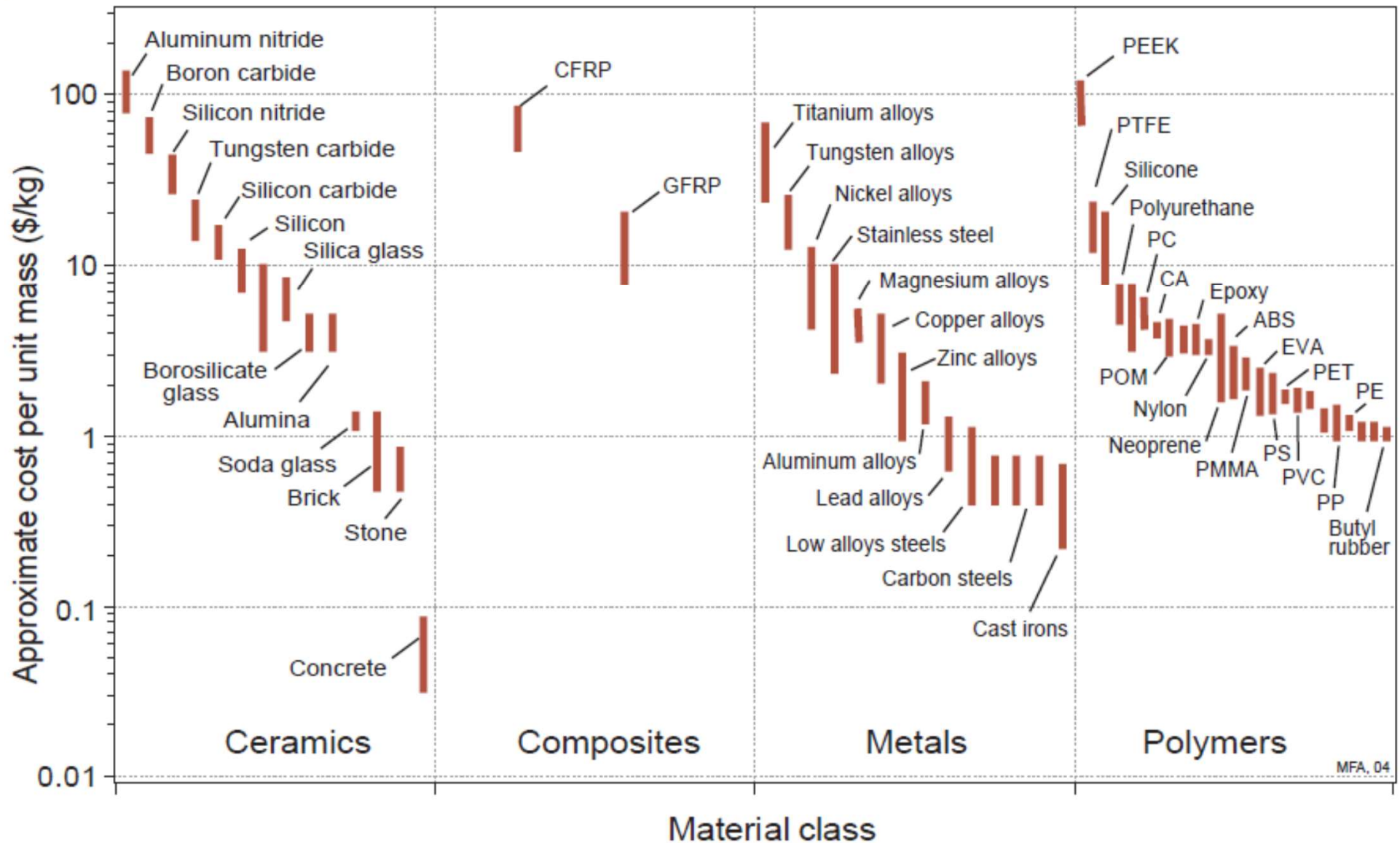




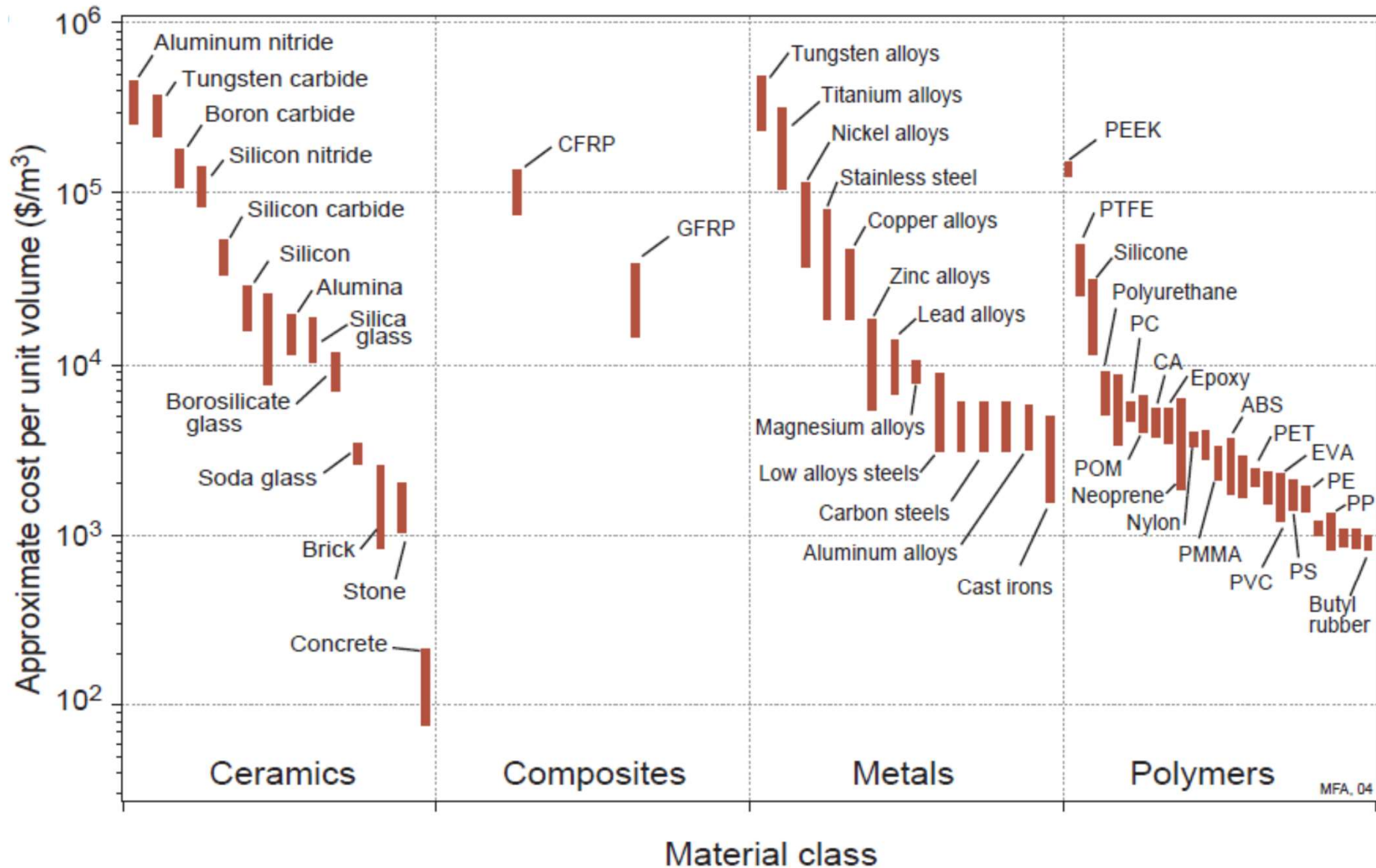




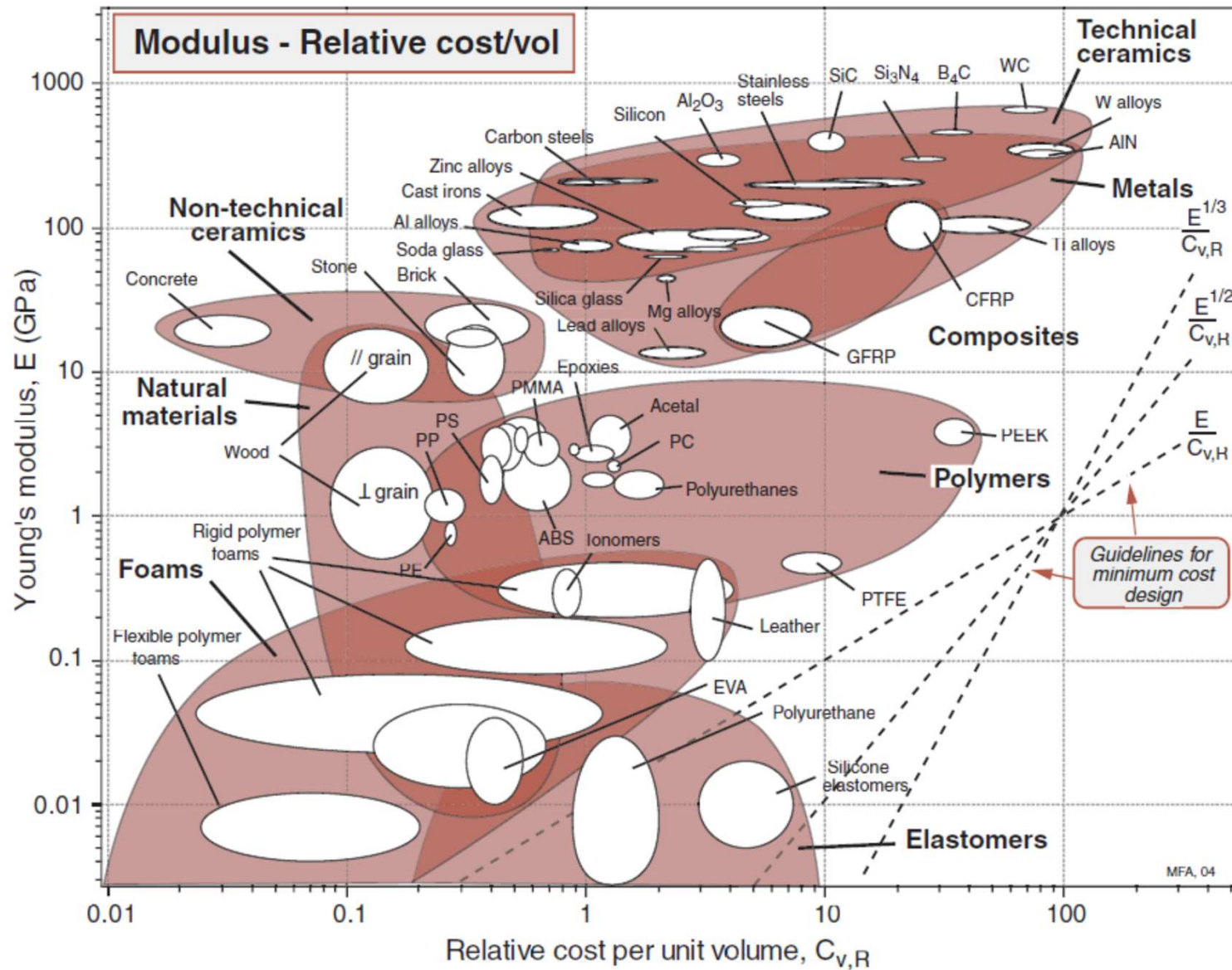


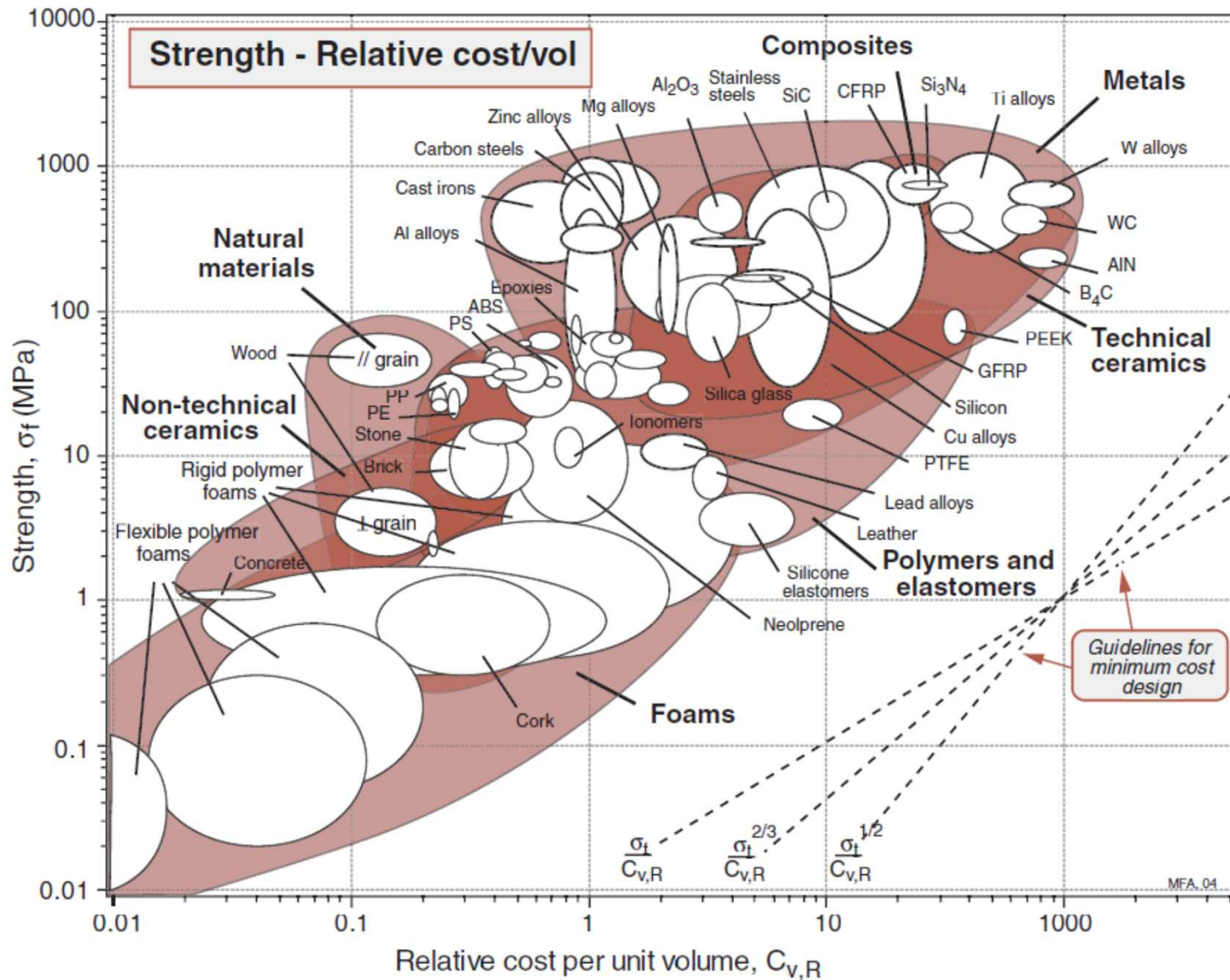


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Köszönöm a figyelmet!