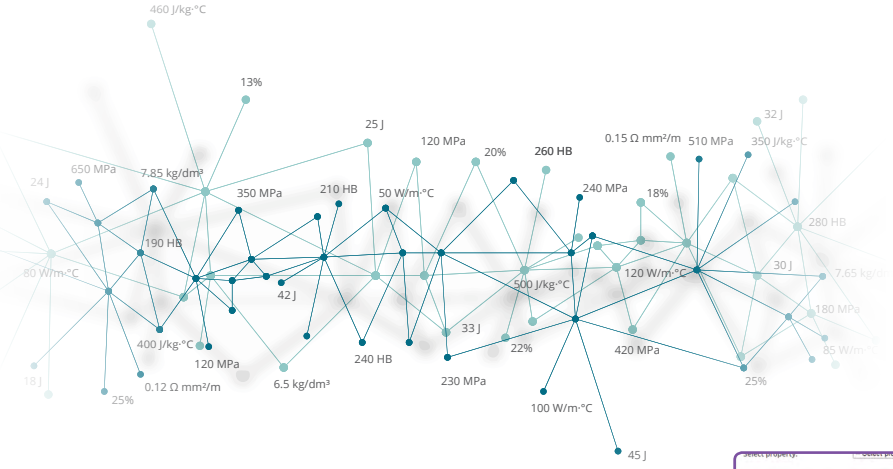
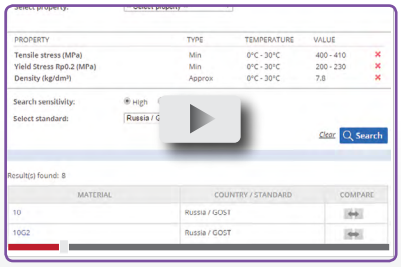
New Developments - Equivalents Finder

Equivalents Finder is a new functionality which allows you to find even more equivalent and similar material options inside Total Materia!

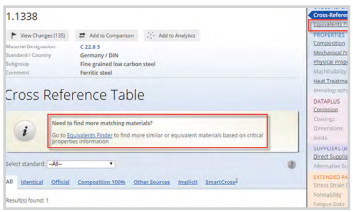
To help find additional options for material selection consideration, Equivalents Finder allows you to create a list of similar materials based on the properties most important to you.



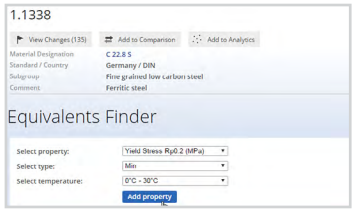
- Find even more equivalency options!
- Based on comparison of properties
- Select search sensitivity for the comparison
- Generate lists of new international analogues
- Drives innovation for new material selection



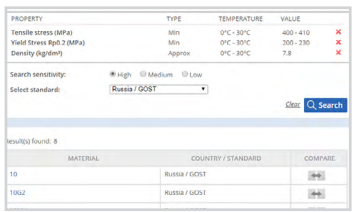
www.youtube.com/watch?v=_NGGeWUx_SA



In this use case the task is to try and find suitable similar or equivalent materials for a low carbon steel which has limited analogues available through the traditional cross reference tables.
To go to Equivalents Finder you can access either from the cross reference tables directly or click on the link in the side bar menu.



To begin the search in Equivalents Finder you need to first select which properties you want to use as a basis for similarity. In this case Yield Stress is the first property we will add. It's also possible at this point to define information about the temperature range. Simply click add property to move to the next step.



If you only want to find materials with a similar Yield Stress then you can optionally define your standards and select search sensitivity for the comparison.
In this case however, we will add several more properties to the Equivalents Finder to narrow the list further. We are looking specifically for Russian materials which have a close match to our original German material.

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