New Developments - Material Discovery

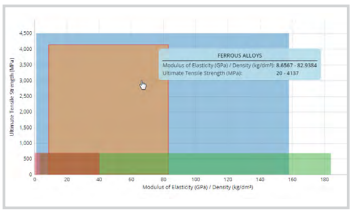
New must have tool for conceptual design to make selection decisions based on real materials information

Material Discovery takes material selection to the next level by providing visualization of material groups by analyzing more than 500,000 real materials!

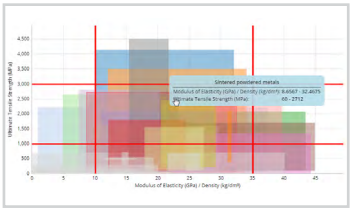
- Based on real data and not typical values
- Compare metals and non-metals
- Drill down into types and families
- Plot using single or property ratios
- Forward to advanced search

PLM EGYPT
Industrial solutions for
CAD/CAM/CAE/Tooling/CNC
Application

PLM EGYPT Industrial Solutions for CAD /CAM /CAE /Tooling /Inspection Application		
Address	1 DR Mohamed abou state from 23 Joseph Tito St. New Nozha, Cairo, Egypt	
Telefax	+02 26222261	
Mobile:	+02 01000070422	+02 011 29500936
Zip code	4473215	
E.MAIL	INFO@Egyptplm.COM	
WEBSITE	www.Egyptplm.COM	



Simply select properties that are critical to your specific conceptual constraints e.g. weight (density) and stiffness (modulus of elasticity), and hit submit to immediately view all material groups from Total Materia. This means you can compare any combinations of materials, from ferrous and non-ferrous to plastics and composites.



Drill down into the material groups to see what sub sets of materials can specifically meet your requirements. Clicking into the group box on the plot expands the chart to all sub sets inside. You can then select multiple groups to do this with and deactivate groups which are not relevant. It's possible to employ virtual limits on the chart to make the selection process intuitive and controlled.

Once the selection process is complete and the specific material groups, types or families (sub sets) can be forwarded to Advanced Search to then narrow the results further by employing additional parameters such as other property ranges including temperature dependency, standards or countries or by using full text search.

Total Materia

Key to Metals AG, Doldertal 32, 8032 Zürich, Switzerland
Phone: +41 44 586 49 59, Fax: +41 43 508 00 99, CustService@totalmateria.com

www.totalmateria.com