



DataPLUS

Corrosion data, material welding info, dimensions and coatings information for thousands of materials



Corrosion



Joints



Dimensions



Coatings

DataPLUS is a supplementary data module providing corrosion data, material joining information, material dimensions and tolerances and coatings information for thousands of metallic and non-metallic materials

The Challenge

- Understanding corrosion behaviour of materials in real life applications
- Material and consumables selection for successful welding operations
- A unified view of both material property and dimensional data
- Finding coatings and their properties related to materials in one unified platform
- Communicating between engineering and purchasing avoiding potential errors

The Solution

- ✓ DataPLUS covers a wide range of information within its four data sub-sets acting as a critical additional resource for the process of material selection
- ✓ Completely integrated, DataPLUS connects seamlessly to other key information such as chemical composition, tables of equivalent materials, mechanical and physical properties, which means viewing the bigger picture is effortless

The Benefits

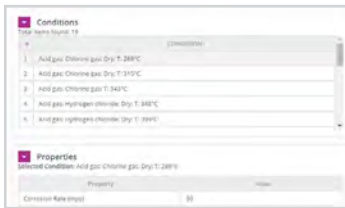
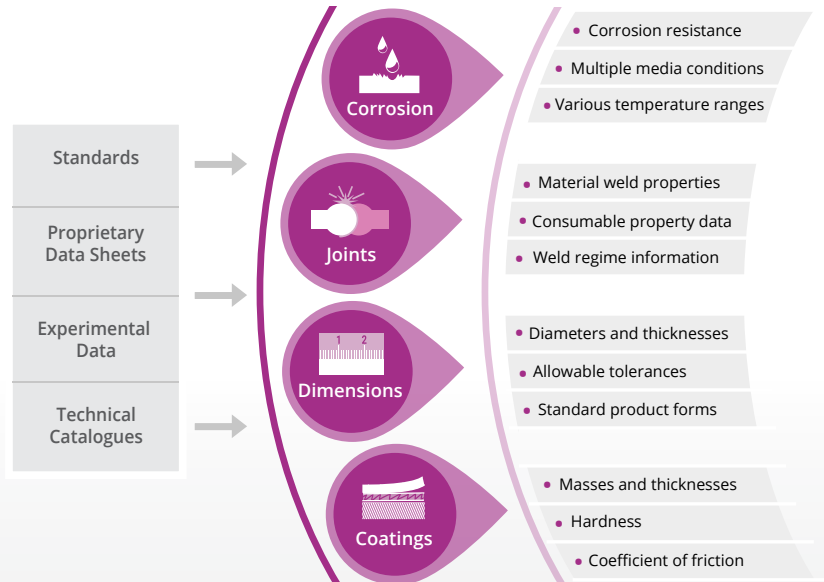
- Drives more accurate material selections
- Provides further insight into material behavior in real life conditions
- Widens the scope of finding bulk material properties
- Bridges the gap between the processes of design and material acquisition



Total Materia



In synergy with the primary material databases, Total Metals and PolyPLUS, DataPLUS supports and supplements key industrial application decisions by helping make accurate and considered choices relating to material selection and usage.



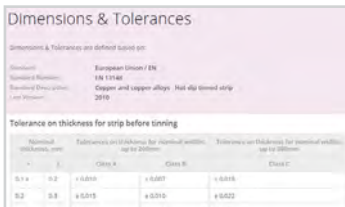
Corrosion data for thousands of materials

Find information about material corrosion rates and corrosion resistance in diversified environments and at a range of temperature conditions. Corrosion data including media, temperature, exposure time, and corrosion type are seamlessly integrated with mechanical and physical properties, thus providing a unified platform for material selection.



Welding information for global materials and consumables

Find critical welding information such as mechanical properties at joint, information for thousands of material combinations, base material property data, consumable characteristics and references to related welding methodologies.



Find dimension and tolerance information in seconds

A must have to bridge the gap between engineering and purchasing, the dimensions and tolerances dataset allows you to find information relating to specific material product forms measurements and their permissible variations.



Search for coatings information to understand performance

Hundreds of coating designations available with dimensional and properties data to help drive accurate decisions relating to coating selection and performance. Using the simple search interface, find properties such as dimensions, maximum working temperature, hardness and much more.