



www.DINsml.net

- // Provides access to standardized product properties throughout the product's entire life cycle.
- // Is based on the ISO 13584 and IEC 61360 information models and conforms to the DIN 4002 standards series.
- // Is maintained by Paradine GmbH (www.paradine.at) on behalf of DIN, the German Institute for Standardization (www.din.de).

DIN Properties Dictionary

The industry-spanning online dictionary of product properties

DIN Properties Dictionary ...

... simplifies business processes

Throughout a product's life cycle, product information is stored in various IT systems within a company. This information is exchanged not only between intra-company systems, but also with external suppliers and customers, resulting in large, often redundant, databases. The transfer of product data between systems is often complex and requires extensive coordination.

The resulting problems include

- » redundancies in data management and maintenance
- » high error rates
- » a need for extensive coordination

These problems are caused by

- » varying data formats
- » application-to-application exchanges
- » different classification systems

The consequences are

- » an increased time-to-market
- » greater part diversity within a company
- » a rise in product costs

» The solution is the DIN Properties Dictionary.

// Integrated approach

Properties are defined precisely, comprehensively and consensually, and these definitions can be applied throughout the product life cycle and various business procedures.

// Spanning industries

The DIN Properties Dictionary spans industries and covers properties for applications in all industrial sectors. Company in-house properties and standardized DIN product properties are compared and referenced, making a precise inter-connection of systems possible. At present properties have been released or are under development for general use and for the following sectors: mechanical engineering, automotive industry, optics materials, precision engineering, building and civil engineering, chemicals, building equipment, fluid technology, and tool engineering. Further sectors are being continuously added to the work programme.

// Internationality, partnerships

Properties dictionaries using the information model on which the DIN Properties Dictionary is based are now accepted internationally. In addition to nationally standardized properties, the DIN Properties Dictionary also includes the contents of internationally available properties dictionaries, such as the contents of IEC 61360-4DB (on electrotechnical properties).

// Used in businesses

Leading solution providers such as SAP and Paradine have implemented the ISO 1584 information model. On this basis, properties from the DIN Properties Dictionary can be incorporated into your own system. DINsml.net thus functions both as a knowledge database and a dictionary for looking up precise definitions.

// Investment security

The DIN Properties Dictionary presents an enormous economic potential: Its integrated approach and normative status give industry a stable basis for drawing up data libraries. This is important, for a high level of quality is only possible with a stable database. Data exchange within a company and with customers or suppliers is thus considerably simplified. This standardized technical foundation, together with its economic aspects, ensures a high degree of investment security.



The advantages to you ...

... within your company

- » standardized properties for the entire product life cycle
- » reduced complexity of data exchange
- » shortening of cycle times
- » a reduction in the need for queries with suppliers and customers

... as a user

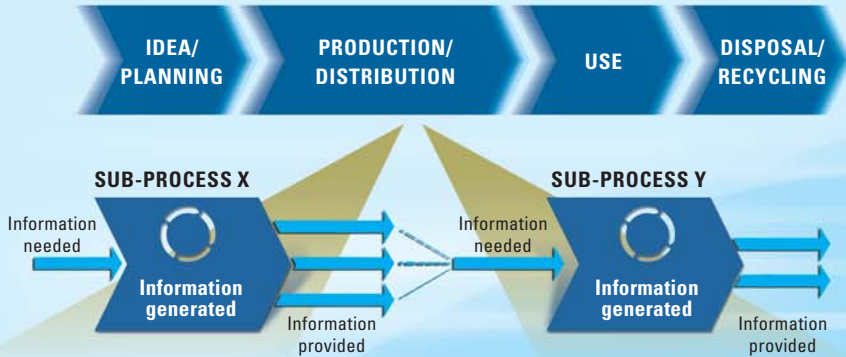
- » suppliers' data are used in a standardized format and can be processed directly in your system, leading to a standardized data exchange for both off-the-shelf and bought-in parts
- » greater market transparency and improved access to suppliers
- » shortening of development times

... as a manufacturer/supplier

- » the ability to overcome data exchange barriers among bought-in products in all branches
- » customers can be provided with product descriptions based on standardized properties
- » direct, comprehensive global market access
- » a basis for implementing new distribution channels
- » a reduction in the costs of data exchange and electronic catalogues

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EXAMPLE: LIFE CYCLE OF A PRODUCT



Does the DIN Properties Dictionary take a company's internal, non-standardized properties into consideration?

Yes. DIN Properties Dictionary is built upon an integrated approach which takes into consideration standard DIN properties, those standardized by other organizations (ISO, IEC), as well as non-standard properties used by trade associations, professional unions or single companies.

Can I get a paper copy of the DIN Properties Dictionary?

No. The DIN Properties Dictionary is only accessible online. The properties are published as DIN 4002-100.

Can I actively take part in standardizing the properties?

Yes. By participating in the property standardization process, you can gain quick access to the essential standardized data you need. Participation is possible in two ways: You can request that a new property be standardized. You can also become an active participant in the standards committees responsible for standardized product properties.

For more information send an email to application@DINsml.net or contact the Product Property Standards Committee (NSM) at DIN German Institute for Standardization.

How can I request the standardization of a property?

Requests for the standardization of properties can be submitted by individuals, businesses or organizations. This can be done online at www.DINsml.net. An import function is available when a request is made for the standardization of a large number of properties. The .xls template used for the importation of data is available for downloading at the above-mentioned web site.

If you want to import large quantities of data, please contact us at application@DINsml.net. You can also use this address for requesting further information on participation in property standardization and on the standardization process in general.

KNOW-HOW TRANSFER FOR SMALL BUSINESSES TO GLOBAL PLAYERS



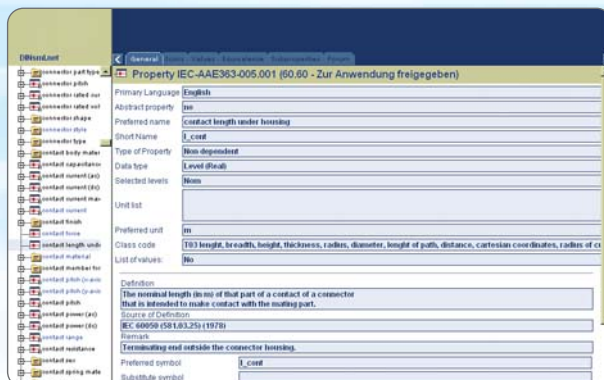
DIN Properties Dictionary ...
Frequently asked questions – and their answers:

Does the DIN Properties Dictionary include a classification system?

No. The DIN Properties Dictionary contains standardized properties but not a product hierarchy. The properties included in DIN Properties Dictionary can be used in any classification system (eCI@ss, Proficl@ss, ETIM, UN/SPSC, systems within a company or trade association). The DIN Properties Dictionary hierarchy tree serves solely for property management and defining the scope of properties.

Does the DIN Properties Dictionary contain property tables?

Yes. In the "Application classes" section, the DIN Properties Dictionary also includes property lists. These compilations of properties are structured along the lines of the DIN 4000 standards series. Property lists are published as DIN 4002-101.



» Orders may be placed **ONLINE** at www.DINsml.net

// You're in good company

» These businesses and organizations participated in drawing up the DIN 4002 series of standards and continue to be active in setting up the DIN Properties Dictionary:

» Atos Origin GmbH	» FESTO AG	» Siemens AG
» Bayer AG	» Fachhochschule Darmstadt	» ThyssenKruppAG
» Beuth Verlag GmbH	» Fraunhofer Institut Produktionstechnologie	» TU Clausthal
» Carl Zeiss AG	» Hilti AG	» VDE e. V.
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// Terms and conditions for our services

Using the dictionary » Use of the dictionary is subject to the General Terms and Conditions which each user accepts upon registration into the system. Depending upon the licence obtained, the properties can be read-only, used within a company without restrictions, and/or passed on to customers and suppliers within the context of normal business dealings (e.g. procurement, drawing up specifications or catalogues, customer requests, offers, orders, consignments, invoicing or disposal/recycling).

Information Service » An additional service of the DIN Properties Dictionary is the information service which automatically informs you whenever a new property is requested or released, or when a property is modified or withdrawn. Notices are made by email; you can sign up for the service for certain sectors only or for all sectors covered by the DIN Properties Dictionary.

Order no.	Description	Site licence	Company licence
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15881	Downloading of all sectors Basic licence for one year	EUR 380.00 ²⁾	EUR 1,330.00 ²⁾
	XML interface	in preparation	in preparation

¹⁾ Read-only access is free-of-charge. Users need only register online for this service.

²⁾ Orders received by the end of 2006 receive the information service free for the first year.

Information valid as of July 2006. All prices are suggested retail prices. Prices may be subject to change. Errors excepted.
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