

mhc.moldex3d.cloud

Material Hub Cloud

The most comprehensive material database and product design essential knowledge cloud

With the rapid development of science and technology, the requirements for plastic materials are becoming more and more refined. To quickly and efficiently find suitable materials on the market, you need the assistance of a comprehensive and diverse database. Material Hub Cloud (MHC) contains more than 8,000 plastic material measurement and processing information, from product concept, design, molding simulation to manufacturing, allowing you to quickly find suitable processing plastic materials and incorporate them into your exclusive materials library.



PLM EGYPT

Industrial solutions for

CAD/CAM/CAE/Tooling/CNC

Application



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|---------|---|------------------|
| 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 | 4473215 | |
| E.MAIL | INFO@Egyptplm.COM | |
| Website | www.Egyptplm.COM | |

MHC Functions



Material Database Viewer

- Check materials conveniently with their data quality index, property curves and processing conditions



Design Calculator

- Quickly estimate gate shear rate, runner pressure drop, plastic part cooling time and more



Alternative Material

- Quickly provide alternative materials and the similarity analysis with user-defined criteria



Material Data Fitting

- Easily upload material raw data for automatic fitting model parameters



Material Selection Guidance

- Suggest good material selection for specified product and part designs with the related information



Digital Material Generator

- Conveniently generate material file for Moldex3D simulation



Material Comparison

- Compare between different materials with property curves/data and scatter plot analysis



Supplier Data Platform

- Suppliers can upload their own material data at any time to update MHC databank

Instant Access with Web Browser

Just log in Material Hub Cloud with web browser and enjoy the whole new experience and a variety of data and information.

Up-to-date Material Database

Continuous and real time update for new product in market to the database, so that you can always get the latest plastic material information.

Exclusive Material Library

Add the favorite materials to your database to manage and download them at any time and any place.

Convenient Functions

Product material and alternative material suggestion, material property comparison, measurement data fitting, material file generation and other convenient functions to assist you in material selection and simulation.



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