

Comparison Matrix

Autodesk® Simulation Moldflow® injection molding simulation software provides tools that can help manufacturers validate and optimize the design of plastic parts and injection molds and study the injection molding process. Compare the features of Autodesk Simulation Moldflow products to learn how Autodesk® Simulation Moldflow® Adviser and Autodesk® Simulation Moldflow® Insight software can help meet the needs of your organization.

LEGEND

✓ Feature supported

	Autodesk Simulation Moldflow Adviser Standard	Autodesk Simulation Moldflow Adviser Premium	Autodesk Simulation Moldflow Adviser Ultimate	Autodesk Simulation Moldflow Insight Standard	Autodesk Simulation Moldflow Insight Premium	Autodesk Simulation Moldflow Insight Ultimate
MESHING TECHNOLOGY						
Dual Domain™	✓	✓	✓	✓	✓	✓
3D		✓	✓	✓	✓	✓
Midplane				✓	✓	✓
CAD INTEROPERABILITY						
Direct Modeling with Autodesk® Inventor® Fusion	✓	✓	✓	✓	✓	✓
Defeaturing with Inventor Fusion	✓	✓	✓	✓	✓	✓
Multi-CAD Data Exchange	✓	✓	✓	✓	✓	✓
CAD Solid Models	✓	✓	✓	✓	✓	✓
Parts	✓	✓	✓	✓	✓	✓
Assemblies				✓	✓	✓
SIMULATION CAPABILITIES						
Thermoplastic Filling	✓	✓	✓	✓	✓	✓
Part Defects	✓	✓	✓	✓	✓	✓
Gate Location	✓	✓	✓	✓	✓	✓
Molding Window	✓	✓	✓	✓	✓	✓
Thermoplastic Packing			✓	✓	✓	✓
Runner Balancing		✓	✓	✓	✓	✓
Cooling			✓		✓	✓
Warpage			✓		✓	✓
Fiber Orientation			✓		✓	✓
Insert Overmolding				✓	✓	✓
Two-Shot Sequential Overmolding				✓	✓	✓
Core Shift Control					✓	✓
MOLDING PROCESSES						
Thermoplastic Injection Molding	✓	✓	✓	✓	✓	✓
Reactive Injection Molding				✓	✓	✓
Microchip Encapsulation					✓	✓
Underfill Encapsulation					✓	✓
Gas-Assisted Injection Molding						✓
Injection-Compression Molding						✓
Co-Injection Molding						✓
MuCell®						✓
Birefringence						✓

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DATABASES						
Thermoplastics Materials	✓	✓	✓	✓	✓	✓
Thermoset Materials				✓	✓	✓
Molding Machines				✓	✓	✓
Coolant Materials					✓	✓
Mold Materials					✓	✓
CAE DATA EXCHANGE						
Autodesk® Simulation Mechanical/Multiphysics			✓		✓	✓
Abaqus®			✓		✓	✓
ANSYS®			✓		✓	✓
LS-DYNA®					✓	✓
NEi Nastran					✓	✓
SUPPORTED LANGUAGES						
English	✓	✓	✓	✓	✓	✓
Chinese (Simplified)	✓	✓	✓	✓	✓	✓
Chinese (Traditional)	✓	✓	✓	✓	✓	✓
French	✓	✓	✓	✓	✓	✓
German	✓	✓	✓	✓	✓	✓
Italian	✓	✓	✓	✓	✓	✓
Japanese	✓	✓	✓	✓	✓	✓
Korean	✓	✓	✓			
Portuguese	✓	✓	✓	✓	✓	✓
Spanish	✓	✓	✓	✓	✓	✓