

2021 Feature Comparison

* Denotes feature is available through active Moldflow Subscription only.
 ✓ ✓ indicates increased feature functionality.

	Moldflow Adviser		Moldflow Insight		
	Premium	Ultimate	Standard	Premium	Ultimate
Solver Capacity					
Simultaneous local solving (max)	Unlimited	Unlimited	1	3	3
Remote Solving Capable	-	-	✓	✓	✓
Cloud Solving	-	-	✓	✓	✓

	Moldflow Adviser		Moldflow Insight		
	Premium	Ultimate	Standard	Premium	Ultimate
Meshing					
Dual Domain	✓	✓	✓	✓	✓
3D	✓	✓	✓	✓	✓
Midplane	-	-	✓	✓	✓

	Moldflow Adviser		Moldflow Insight		
	Premium	Ultimate	Standard	Premium	Ultimate
CAD Interoperability					
CAD Solid Models	✓	✓	✓	✓	✓
Parts	✓	✓	✓	✓	✓
Assemblies	-	-	✓	✓	✓

	Moldflow Adviser		Moldflow Insight		
	Premium	Ultimate	Standard	Premium	Ultimate
Application Programming Interface (API)					
Command Line API Compatibility	-	-	✓	✓	✓
User Interface API Compatibility	-	-	✓	✓	✓
Solver API Compatibility	-	-	✓	✓	✓

Simulation Advisers	Moldflow Adviser		Moldflow Insight		
	Premium	Ultimate	Standard	Premium	Ultimate
Design advice	✓	✓	-	-	-
Design adviser	✓	✓	-	-	-
Results adviser	✓	✓	-	-	-
Cost adviser	✓	✓	-	-	-

Simulation Capabilities	Moldflow Adviser		Moldflow Insight		
	Premium	Ultimate	Standard	Premium	Ultimate
Filling	✓	✓	✓✓	✓✓	✓✓
Sink marks and weld lines	✓	✓	✓✓	✓✓	✓✓
Molding window	✓	✓	✓	✓	✓
Gate location	✓	✓	✓	✓	✓
Shared views*	✓	✓	✓	✓	✓
Packing	-	✓	✓✓	✓✓	✓✓
Cooling	-	✓	✓✓	✓✓	✓✓
Warpage	-	✓	✓✓	✓✓	✓✓
Fiber orientation	-	✓	✓✓	✓✓	✓✓
Cold & hot runners	-	✓	✓✓	✓✓	✓✓
Runner balancing	-	✓	✓	✓	✓
Venting analysis	-	-	✓	✓	✓
Heating elements	-	-	✓	✓	✓
Cartridge heating	-	-	✓	✓	✓
Insert overmolding	-	-	✓	✓	✓
In-mold label	-	-	✓	✓	✓
Two-shot overmolding	-	-	✓	✓	✓
Core shift	-	-	✓	✓	✓
Crystallization analysis	-	-	-	✓	✓
Design of experiments (DOE)	-	-	-	✓	✓
Transient mold cooling or heating	-	-	-	✓	✓
Conformal cooling	-	-	-	✓	✓
Rapid temperature cycling	-	-	-	✓	✓
Induction heating	-	-	-	✓	✓
Wire sweep, paddle shift	-	-	-	✓	✓

Molding Processes	Moldflow Adviser		Moldflow Insight		
	Premium	Ultimate	Standard	Premium	Ultimate
Thermoplastic injection molding	✓	✓	✓	✓	✓
Coolant flow analysis	-	-	✓	✓	✓
Powder injection molding	-	-	✓	✓	✓
Resin transfer (RTM) and structural reaction injection molding (SRIM)	-	-	✓	✓	✓
Rubber, liquid silicone injection molding	-	-	✓	✓	✓
Multiple-barrel reactive molding	-	-	✓	✓	✓
Reaction injection molding	-	-	✓	✓	✓
Microchip encapsulation	-	-	-	✓	✓
Underfill encapsulation	-	-	-	✓	✓
Compression molding	-	-	-	-	✓
Injection-compression molding	-	-	-	-	✓
Gas-assisted injection molding	-	-	-	-	✓
Co-injection molding	-	-	-	-	✓
Bi-injection molding	-	-	-	-	✓
Chemical Blowing Agent (CBA) including PU foaming	-	-	-	-	✓
Microcellular injection molding with and without core back	-	-	-	-	✓
Birefringence	-	-	-	-	✓

Databases	Moldflow Adviser		Moldflow Insight		
	Premium	Ultimate	Standard	Premium	Ultimate
Thermoplastic materials	✓	✓	✓	✓	✓
Thermoset materials	-	-	✓	✓	✓
Molding machines	-	-	✓	✓	✓
Coolant materials	-	✓	✓	✓	✓
Mold materials	-	✓	✓	✓	✓

	Moldflow Adviser		Moldflow Insight		
	Premium	Ultimate	Standard	Premium	Ultimate
Software Interoperability					
Autodesk Heliu PFA (Advanced Material Exchange)	-	-	✓	✓	✓
Autodesk Nastran (FEA)	-	-	✓	✓	✓
Abaqus (FEA)	-	-	✓	✓	✓
ANSYS (FEA)	-	-	✓	✓	✓
LS-DYNA (FEA)	-	-	✓	✓	✓
CODE V (Birefringence)	-	-	-	-	✓
VRED (defect visualization)	✓	✓	✓	✓	✓
Elysium CADdoctor for Autodesk Moldflow	✓	✓	✓	✓	✓

	Moldflow Adviser		Moldflow Insight		
	Premium	Ultimate	Standard	Premium	Ultimate
Supported Languages					
English	✓	✓	✓	✓	✓
Chinese (Simplified)	✓	✓	✓	✓	✓
Chinese (Traditional)	✓	✓	✓	✓	✓
French	✓	✓	✓	✓	✓
German	✓	✓	✓	✓	✓
Italian	✓	✓	✓	✓	✓
Japanese	✓	✓	✓	✓	✓
Portuguese	✓	✓	✓	✓	✓
Spanish	✓	✓	✓	✓	✓
Korean	✓	✓	✓	✓	✓

	Moldflow Adviser		Moldflow Insight		
	Premium	Ultimate	Standard	Premium	Ultimate
Included Software & Services					
Heliu PFA*	-	-	-	-	✓
Moldflow Communicator	✓	✓	✓	✓	✓
Fusion 360*	✓	✓	✓	✓	✓
Vault	✓	✓	✓	✓	✓
Moldflow Design	✓	✓	-	-	-

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