

# SOLIDWORKS PLASTICS MATRIX



	PLASTICS STANDARD	PLASTICS PROFESSIONAL	PLASTICS PREMIUM
Ease of Use			
Design Data Reuse			
Materials Database			
Meshing			
Parallel Computing (Multi-core)			
Filling Phase (1st Stage Injection)			
Automatic Gate Location(s)			
Instantaneous Fill Time Plot			
Sink Mark Analysis			
eDrawings Support			
Fill Time			
Ease of Fill			
Results Adviser			
Nominal Wall Thickness Adviser			
Pressure at End of Fill			
Flow Front Temperature			
Temperature at End of Fill			
Shear Rate			
Cooling Time			
Weld Lines			
Air Traps			
Sink Marks			
Frozen Layer Fraction at End of Fill			
Clamp Force			
Cycle Time			
Symmetry Analysis			
Packing Phase (2nd Stage Injection)			
Runner Balancing			

# SOLIDWORKS PLASTICS MATRIX



	PLASTICS STANDARD	PLASTICS PROFESSIONAL	PLASTICS PREMIUM
Runner Design Wizard			
Sprues and Runners			
Hot and Cold Runners			
Multi-cavity Molds			
Family Molds			
Mold Inserts			
Volumetric Shrinkage			
Density at End of Pack			
Exports STL, NASTRAN			
Export with Mechanical Properties ABAQUS®, ANSYS, DigiMat®			
Cooling Lines			
Baffles and Bubblers			
Conformal Cooling Channels			
Runner Domain Category			
Sink Mark Profiles			
Mold Temperature at Cooling End			
Displacement Due to Residual Stress			