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Injection Molding  
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2ndThis information is  
intended to be used only  
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designers and processors  
of modified

thermoplastics for  
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Because injection mold  
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complex, a set solution  
will not solve all problems.  
Observation on a “trial  
and error” basis may be  
required to achieve  
desired results.Injection  
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Bubbles (cont.) Source(s)  
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Mold temperature too low  
Material Excessive  
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Inconsistent cycle  
Machine Excessive  
injection speed or  
pressure Excessive back  
pressure Screw speed too  
high Improper  
compression ratio of  
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 Randy Kerkstra Steve Brammer ISBN (Book): 978-1-56990-645-3 ISBN (E-Book): 978-1-56990-646-0  
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section thickness, and the machine on which it is moulded. plastic injection molding troubleshooting guide Most importantly, it will help you design solutions to these problems ahead of time, so that when it comes to production you do not have to worry about the defects costing you money. Read more about our process at Creative Mechanisms, and how we can help you avoid defects in the injection molding process! Top-10 Injection Molding Defects And How To Fix

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sections, as follows: 1. A  
commissioned expert  
review, discussing a key  
topic of current interest,  
and referring to the  
References  
andTroubleshooting  
Injection Mouldingthe  
recommended ranges  
presented in the previous  
sections on injection  
startup procedures. This  
troubleshooting guide lists

the processing problems  
in alphabetical order. For  
each problem, the  
possible solutions are  
listed in the order of the  
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review, discussing a key



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Training. Plastics is a sophisticated and diverse discipline. To excel, you need a good grasp of a wide range of concepts and data. That's what this Injection Molding Reference Guide is all about. *Top-10 Injection Molding Defects And How To Fix Them* the recommended ranges presented in the previous sections on injection startup procedures. This troubleshooting guide lists the processing problems in alphabetical order. For each problem, the

possible solutions are listed in the order of the most frequent to the least frequent solution for that problem.

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Troubleshooting is the art and science of remedying defects after the process has demonstrated the ability to produce acceptable production parts. Most defects respond to one of a variety of process and/or material changes. The

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The Injection Moulding Troubleshooting Guide covers some of the common problems encountered with this process, but is by no means complete. Conditions are variable and include: machine used, machine setup, mould type and complexity, materials and manufacturing environment. Specific conditions cannot be anticipated.

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