Color Tables Test Report  
root  
2021-02-18

**Abstract:**

This report outlines some plotting capabilities of the ARG's Generator applied to a colored-tables.

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# 4. Introduction

This sample report illustrates the automatic report generator (ARG).

# 5. Color Table

## 5.1. Color Table Generation

This section provides a colored table generation.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID | Description | Importance | Model Formulated | Implementation | Validation | Model Parameter |
| A | Metal Constitutive Behavior |  |  |  |  |  |
| A1 | Uniaxial elastic deformation | High | High | High | Not Adressed | High |
| A2 | Transverse deformation under | Low | High | High | Not Adressed | High |
| A3 | Elastic anisotropy | Low | High | High | Not Adressed | High |
| A4 | Yielding | Low | High | High | Not Adressed | Not Adressed |
| B | Deformation of Slender Structures |  |  |  |  |  |
| B1 | Nonlinear coupling between stress | High | High | High | Not Adressed | Not Available |
| B2 | Shear deformation | Medium | High | High | Not Adressed | Not Available |
| C | Weld behavior |  |  |  |  |  |
| C1 | Weld compilance | Medium | Low | Low | Not Adressed | Low |
| C2 | Degradation of yield in heat affected | Low | Low | Not Adressed | Not Adressed | Low |
| D | Support attachment |  |  |  |  |  |
| D1 | Attachment compilance | Medium | Low | Low | Not Adressed | Not Adressed |
| D2 | Chemical compatibility between | Low | Medium | Not Adressed | Not Adressed | Not Adressed |

Table : qoi - List of Phenomena (PIRT)