

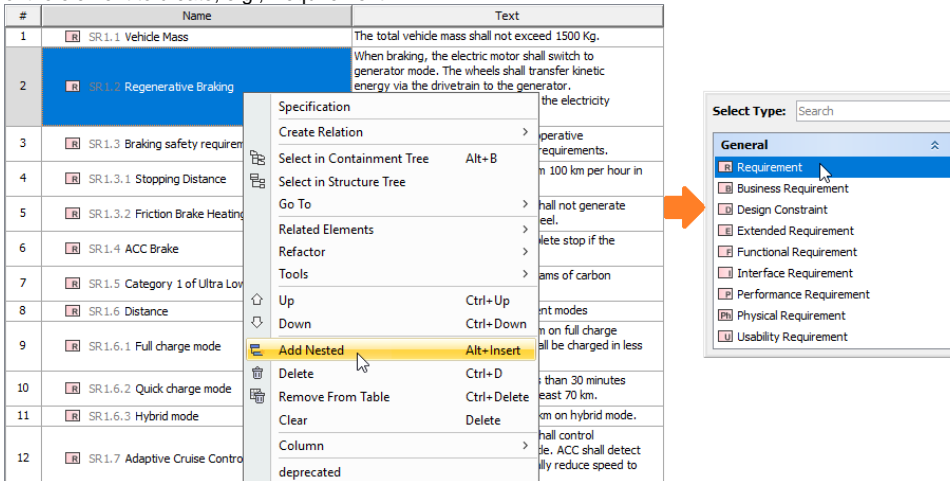
# Nesting additional elements in a hierarchical table

Apart from displaying elements hierarchically, you can also build a hierarchy by nesting additional elements within the selected element directly in the table. The **Complete** tree view is enabled in the table by default.

To build a custom hierarchy

Do one of the following:

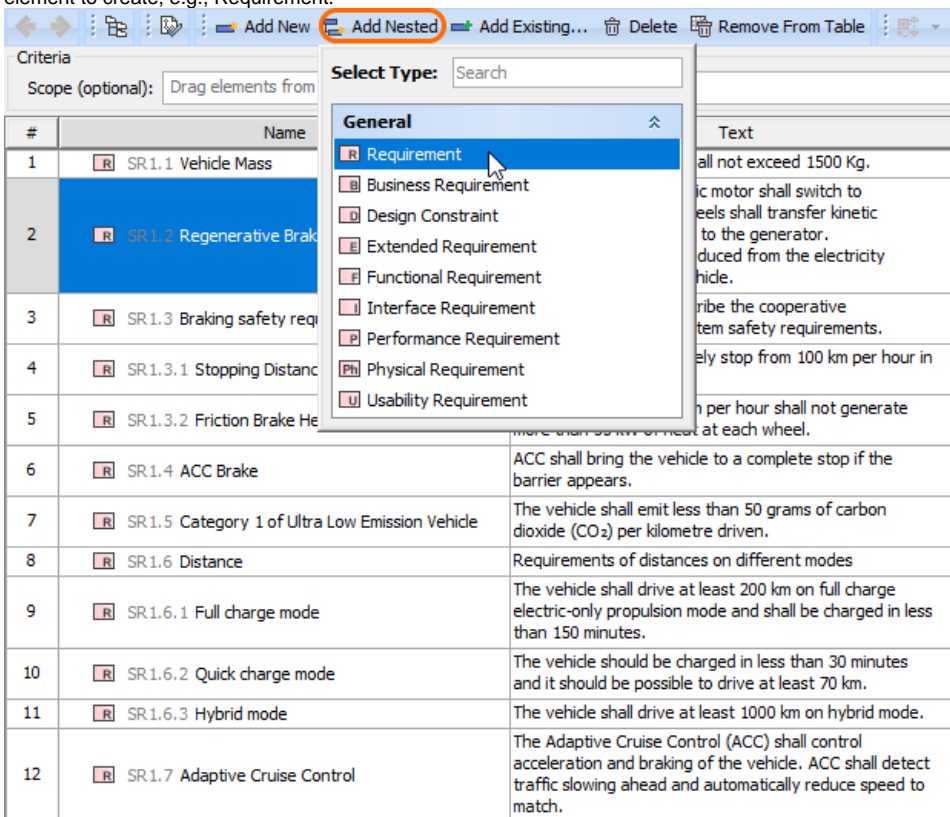
- In the table, right-click the specific element to nest an additional element within, select **Add Nested** in the drop-down menu, and specify the type of the element to create, e.g., Requirement.



The screenshot shows a table with 12 rows. The second row, 'SR.1.2 Regenerative Braking', is selected. A right-click context menu is open over it, with 'Add Nested' highlighted. An orange arrow points from this menu to a 'Select Type' dialog box. In the dialog, 'Requirement' is selected under the 'General' category.

| #  | Name  | Text   |
|----|---|--|
| 1  | SR.1.1 Vehicle Mass                             | The total vehicle mass shall not exceed 1500 Kg.   |
| 2  | SR.1.2 Regenerative Braking                     | When braking, the electric motor shall switch to generator mode. The wheels shall transfer kinetic energy via the drivetrain to the generator.                           |
| 3  | SR.1.3 Braking safety requirements              | Describe the cooperative system safety requirements.   |
| 4  | SR.1.3.1 Stopping Distance                      | Vehicle shall stop from 100 km per hour in less than 30 m.   |
| 5  | SR.1.3.2 Friction Brake Heating                 | Brake shall not generate more than 55 kW of heat at each wheel.  |
| 6  | SR.1.4 ACC Brake                                | ACC shall bring the vehicle to a complete stop if the barrier appears.   |
| 7  | SR.1.5 Category 1 of Ultra Low Emission Vehicle | The vehicle shall emit less than 50 grams of carbon dioxide (CO <sub>2</sub> ) per kilometre driven.   |
| 8  | SR.1.6 Distance                                 | Requirements of distances on different modes   |
| 9  | SR.1.6.1 Full charge mode                       | The vehicle shall drive at least 200 km on full charge electric-only propulsion mode and shall be charged in less than 150 minutes.                                      |
| 10 | SR.1.6.2 Quick charge mode                      | The vehicle should be charged in less than 30 minutes and it should be possible to drive at least 70 km.   |
| 11 | SR.1.6.3 Hybrid mode                            | The vehicle shall drive at least 1000 km on hybrid mode.   |
| 12 | SR.1.7 Adaptive Cruise Control                  | The Adaptive Cruise Control (ACC) shall control acceleration and braking of the vehicle. ACC shall detect traffic slowing ahead and automatically reduce speed to match. |

- Select the specific table element to nest an additional element within, click the **Add Nested** button in the table toolbar, and specify the type of the element to create, e.g., Requirement.



The screenshot shows the same table as before. The toolbar at the top has 'Add Nested' highlighted with a red circle. A 'Select Type' dialog box is open, showing 'Requirement' selected under the 'General' category.

| #  | Name  | Text   |
|----|---|--|
| 1  | SR.1.1 Vehicle Mass                             | The total vehicle mass shall not exceed 1500 Kg.   |
| 2  | SR.1.2 Regenerative Braking                     | When braking, the electric motor shall switch to generator mode. The wheels shall transfer kinetic energy via the drivetrain to the generator.                           |
| 3  | SR.1.3 Braking safety requirements              | Describe the cooperative system safety requirements.   |
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| 12 | SR.1.7 Adaptive Cruise Control                  | The Adaptive Cruise Control (ACC) shall control acceleration and braking of the vehicle. ACC shall detect traffic slowing ahead and automatically reduce speed to match. |



Please note that the **Add Nested** button is available in the table toolbar of the [Requirement table](#) only.