Tank car specifically designed for the transportation of clay slurry.

CLAY SLURRY

15,800 Gallon Capacity
286,000 lbs. Gross Rail Load
AAR 211A100W1

GENERAL ARRANGEMENT

MANWAY & FITTINGS
## CLAY SLURRY

### SPECIFICATIONS

#### GENERAL DATA

<table>
<thead>
<tr>
<th></th>
<th>13,800</th>
<th>15,800</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specification Stencilled</td>
<td>DOT 111A100W1</td>
<td>AAR 211A100W1</td>
</tr>
<tr>
<td>Shell Full Capacity</td>
<td>13,800 Gallons</td>
<td>15,800 Gallons</td>
</tr>
<tr>
<td>Gross Rail Load</td>
<td>263,000 lbs.</td>
<td>286,000 lbs.</td>
</tr>
<tr>
<td>Estimated Lightweight</td>
<td>58,200 lbs.</td>
<td>62,500 lbs.</td>
</tr>
<tr>
<td>Length Over Strikers</td>
<td>40' 9&quot;</td>
<td>46' 1-3/16&quot;</td>
</tr>
<tr>
<td>Truck Centers</td>
<td>29' 10-3/4&quot;</td>
<td>35' 2-15/16&quot;</td>
</tr>
<tr>
<td>Height, Extreme</td>
<td>14' 1-5/16&quot;</td>
<td>14' 1-5/16&quot;</td>
</tr>
<tr>
<td>Width, Extreme</td>
<td>9' 0-3/4&quot;</td>
<td>10' 7&quot;</td>
</tr>
</tbody>
</table>

#### TANK

- **Class**: DOT 111A100W1
- **Inside Diameter**: 98"
- **Slope**: 1/4" per foot
- **Length Over Tank Heads**: 37' 5/16" / 42' 4-1/2"
- **Plate Thickness**: 7/16" / 7/16"
- **Insulation**: 4" 1 lb. Nominal Density Fiberglass / 4" 1 lb. Nominal Density Fiberglass

#### TANK FITTINGS

- **Manway Cover**: Cast Steel, GR. B, 6-bolt Design
- **Manway Nozzle**: 20"
- **Siphon Pipe**: Provisions Provided for 2" / N/A
- **Siphon Valve**: N/A / N/A
- **Air Inlet**: 1" S.S. Screwed Ball Valve / 1" S.S. Screwed Ball Valve
- **Safety Valve**: 75 psi C.S. / 75 psi C.S.
- **Vacuum Relief Valve**: S.S. / S.S.
- **Gauging Device**: S.S. Visual Marker / S.S. Visual Marker
- **Bottom Outlet Valve**: 6" Wafer-Sphere Valve; S.S. Trim 6" Wafer-Sphere Valve; S.S. Trim
- **Sump**: N/A / N/A

#### TRUCKS

- **Type**: 100 Ton Capacity
- **Wheels**: Steel, 36" One-Wear

#### MANWAY & FITTINGS

- **13,800 Gallon Capacity**
- **263,000 lbs. Gross Rail Load**
- **DOT 111A100W1**