

CHEMICALS TANK CARS

4-axle, special car for caprolactam



GENERAL

Tare weight	approx. 24.0 tons
Wheelset load	22.5 tons
Permissible gross weight	59.0 tons
Travelling speed	unladen 120 km/h, laden 100 km/h

UNDERCARRIAGE

Length over buffers	15.74 m
Buffer	Cat. C, disk 340x450
Bogie	BA 629
Wheelsets	Db 11 sa
Brake	DK-GP-A 12"
Draw gear	ST-9-2/160

TANK

Tank material	1.4571
Tank capacity	69 m ³
Tank code	L10BH
Calculated pressure (RID)	10 bar
Test pressure	4 bar
Max. working pressure	3 bar
Explosion shock resistance (TRT 006)	yes
Wall thickness	6 mm
Heating	external
Insulation	yes
Thermometer	1 piece (WIKA)
Tank working temperature	-20 °C / +165 °C

FILLING AND DRAINING EQUIPMENT

Dome	Dome with 4 locking handles, DN 500
Draining	top and bottom unloading
Pressure joint	DN 150, with reduction DN 150/40
Filling neck	DN 150, with reduction DN 150/80
Riser pipe	DN 150