Creep and high-temperature behavior

Grade	Minimum YS / TS in this product specification	Why this is insufficient for high-temperature design
P11	205 / 415 MPa	Code allowable stress and creep must be checked separately
P22	205 / 415 MPa	Similar room-temperature minima do not make its chemistry/high-temperature behavior identical to P11
P91	415 / 585 MPa	Higher strength is not a selection basis without microstructure, WPS/PWHT and hardness control

Project page: https://niktrd.com/astm-a335

ASTM source / basis: ASTM International — ASTM A335/A335M-26.