

OHL conductors and underground cables

Off-line condition assessment (with basis for on-line)

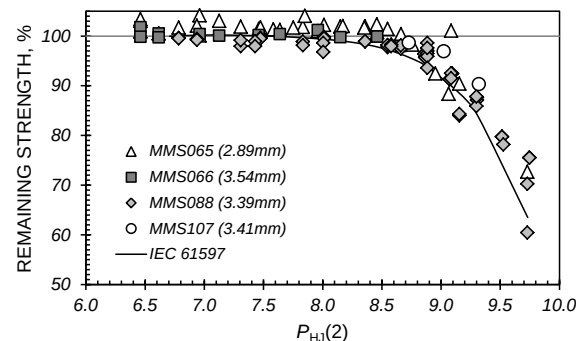
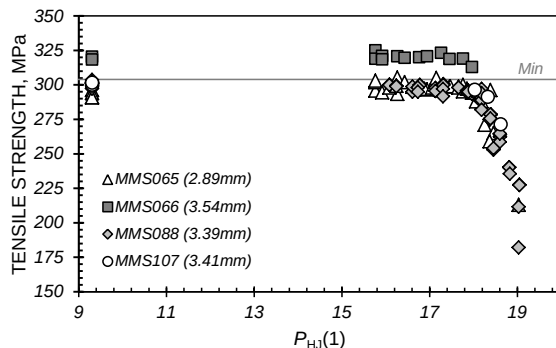
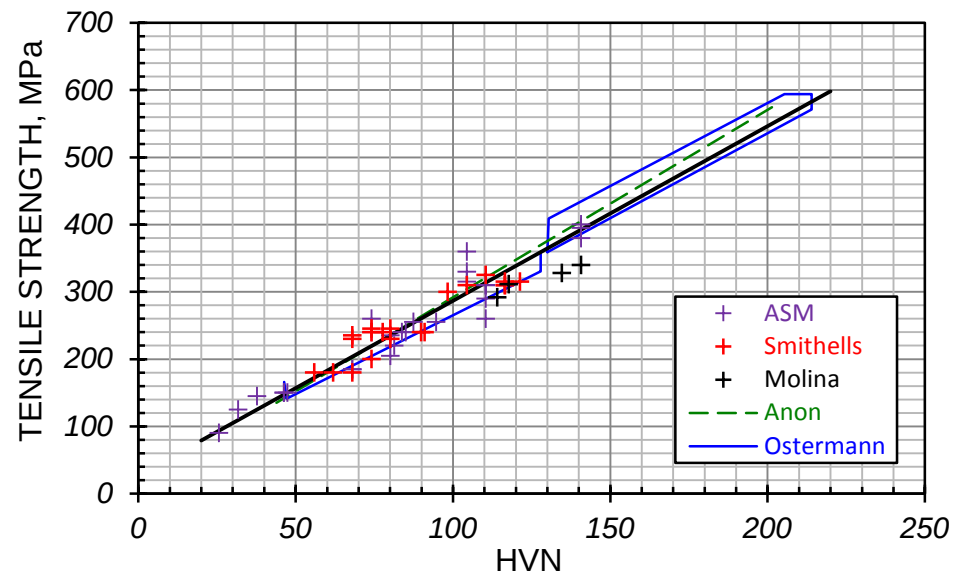
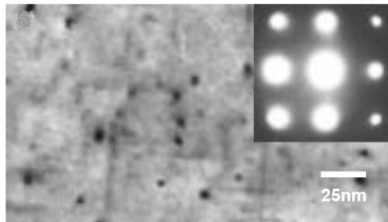
■ Direct measurement of properties

- When sufficient material available
- Wire testing



■ Indirect measurement

- Limited material availability
- Correlation with hardness, and/or
- Correlation with microstructure
- Correlation with electrical resistivity



$$R_m = f^*(P_{HJ}) = f^*(T_K[\log t + C])$$