

# Data Sharing

Authority



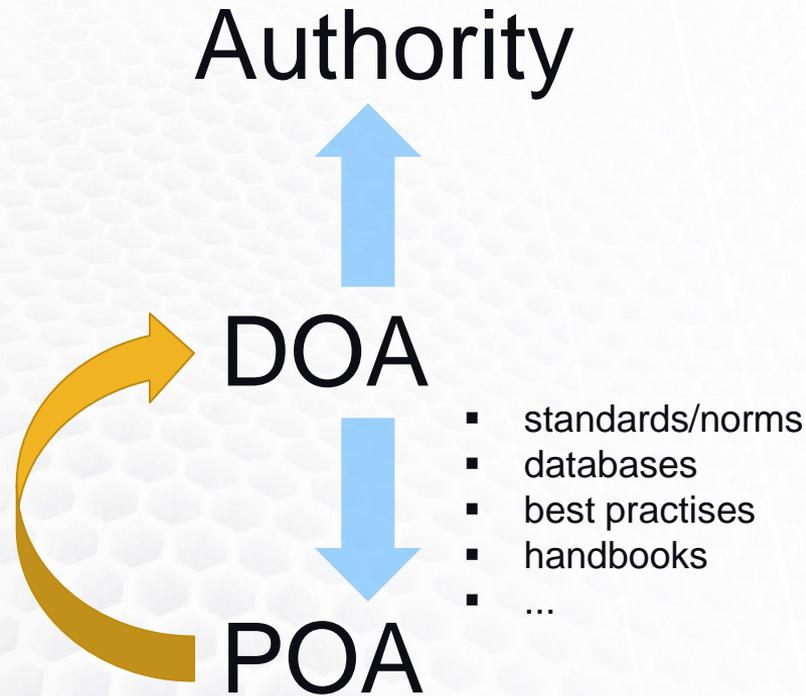
DOA



POA

- standards/norms
- databases
- best practises
- handbooks
- ...

# Data Sharing



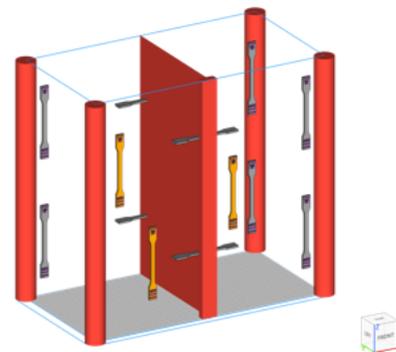
# Data Sharing

**Process** PCD AERO\_PA2241-FR  
**Material** PA2241-FR  
**Machine Type** EOS P760, P770  
**Test Method** ISO527-2/A1

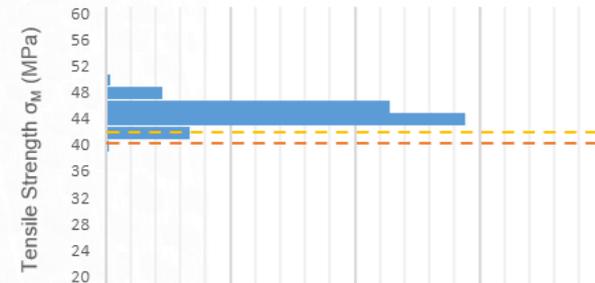
**materialise**  
innovators you can count on

## MECHANICAL PROPERTIES

**Production Period** 11/2019 to 10/2021  
**# Measurements** 1966 (ZX) & 635 (XY)  
**# Production Builds** 232  
**# Raw Material Batches** 8  
**# Mixed Material Batches** 128



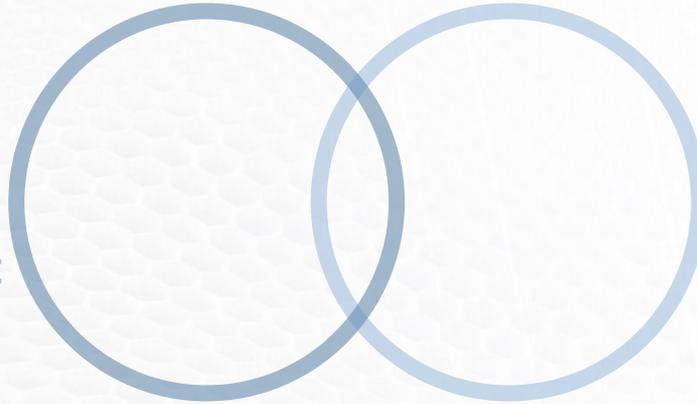
Tensile Strength $\sigma_M$ (ZX)		avg	41,0 MPa
A-basis	34,7 MPa	median	41,3 MPa
B-basis	37,5 MPa	stdev	2,7 MPa



Tensile Strength $\sigma_M$ (XY)		avg	43,8 MPa
A-basis	40,3 MPa	median	43,8 MPa
B-basis	41,9 MPa	stdev	1,5 MPa

# Data Sharing

**VERIFICATION**  
of end product/KC



**VALIDATION**  
of process

- IQ** Installation Qualification
- OQ** Operational Qualification
- PQ** Performance Qualification



start from desired output:

Predetermined Quality Characteristics  
for PROCESS validation