

Figure S1: Numerical and experimental residual indentation profiles for the 440C material under an indentation load of 2200 N.

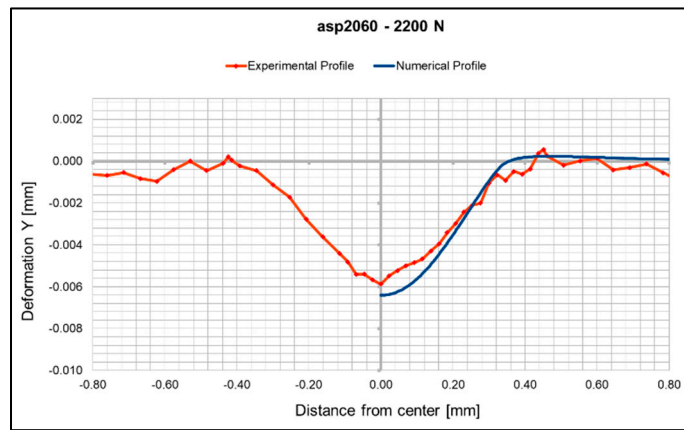


Figure S2: Numerical and experimental residual indentation profiles for the ASP 2060 PM material under an indentation load of 2200 N.

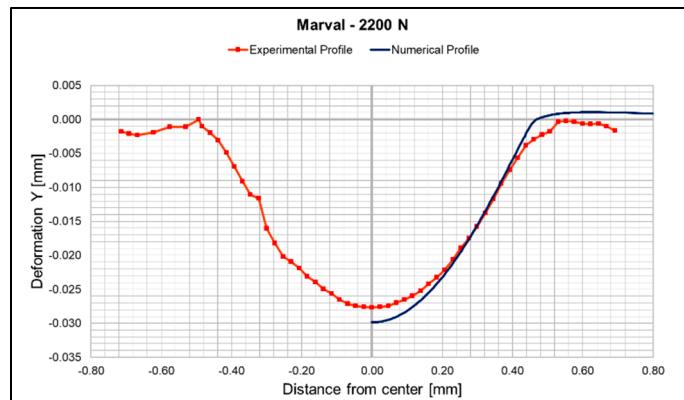


Figure S3: Numerical and experimental residual indentation profiles for the Marval X12 material under an indentation load of 2200 N.