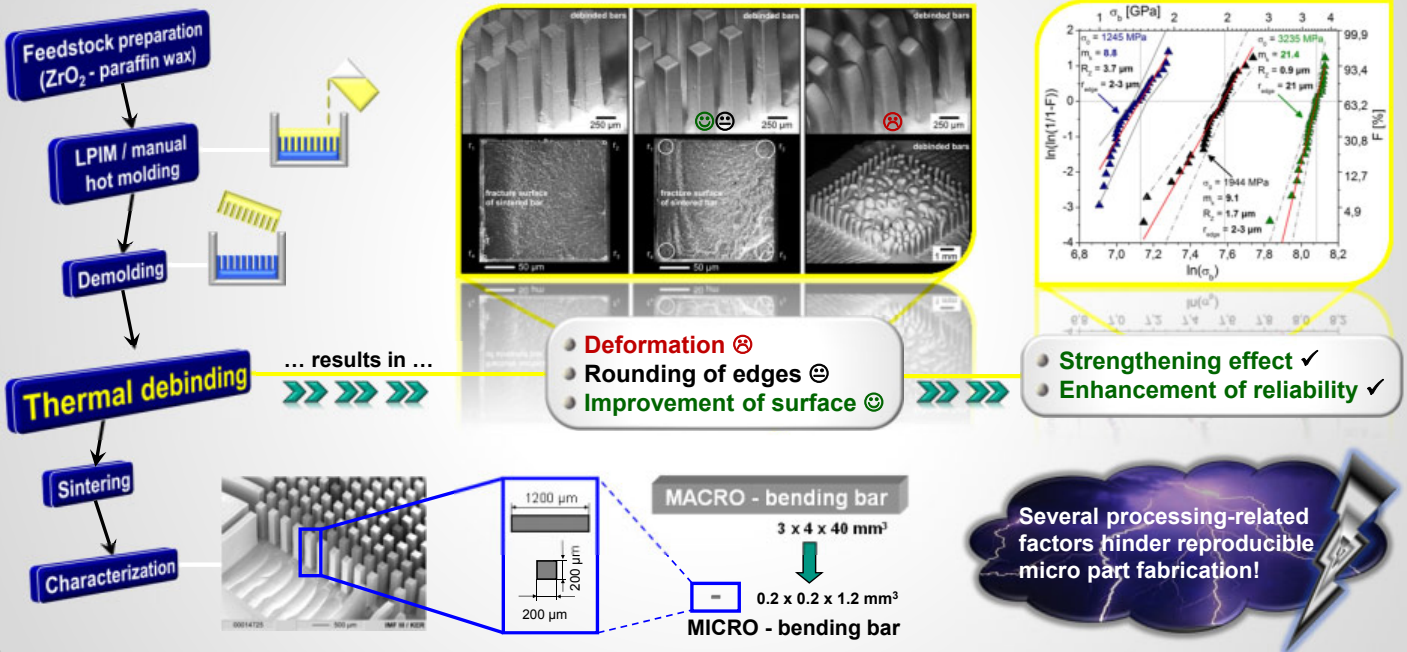
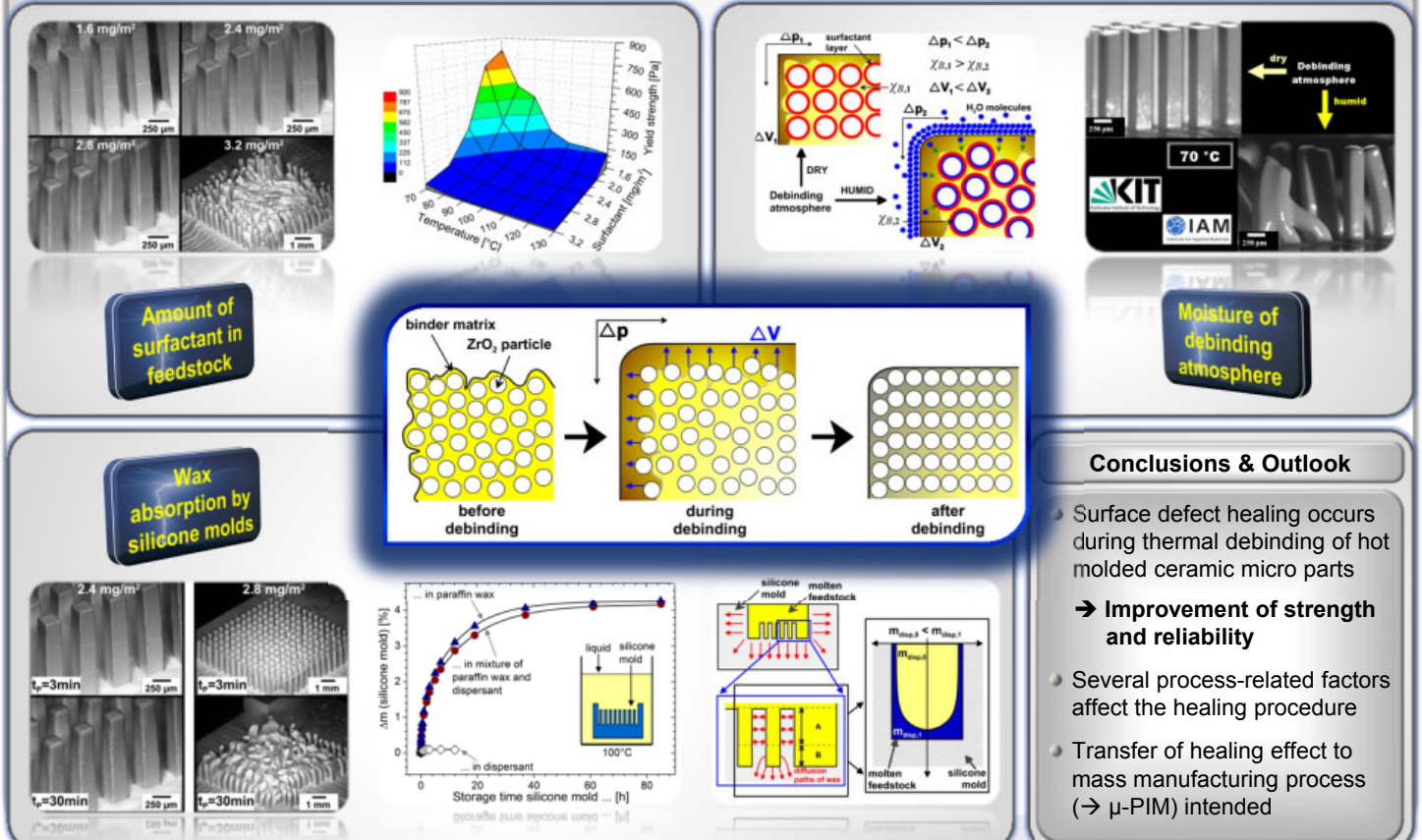


Motivation: Unique Properties of 3Y-TZP Micro Bending Bars Fabricated via Hot Molding



Strengthening by Thermal Debinding: How Surface Defects are Healed and Levelled



Conclusions & Outlook

- Surface defect healing occurs during thermal debinding of hot molded ceramic micro parts
- ➔ Improvement of strength and reliability
- Several process-related factors affect the healing procedure
- Transfer of healing effect to mass manufacturing process (➔ μ-PIM) intended

References

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