



Advanced Diamond Solutions

*The Design Features of Organic and
Polycrystalline Metal Free Diamond Disks*

Dr. Michael Sung

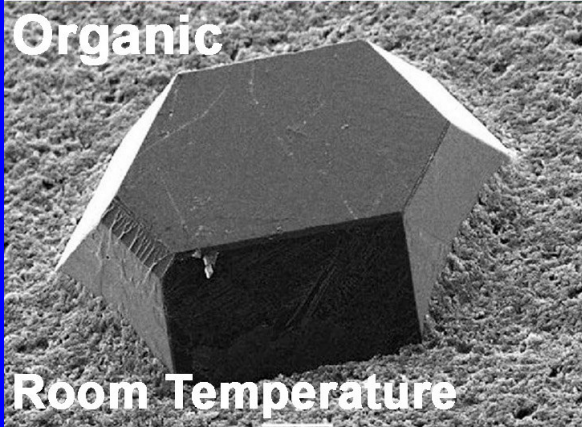
May 6, 2009

James C. Sung
Shao-Chung Hu
Wei Huang
Cheng-Shiang Chou
Chih-Chung Chou
Yang-Liang Pai
Michael Sung

CMPUG 2009

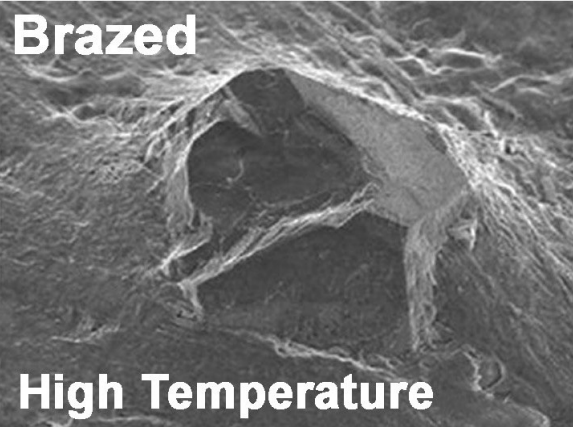


Organic



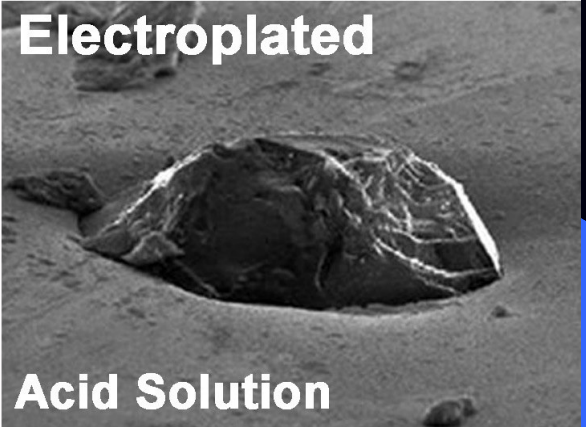
Room Temperature

Brazed

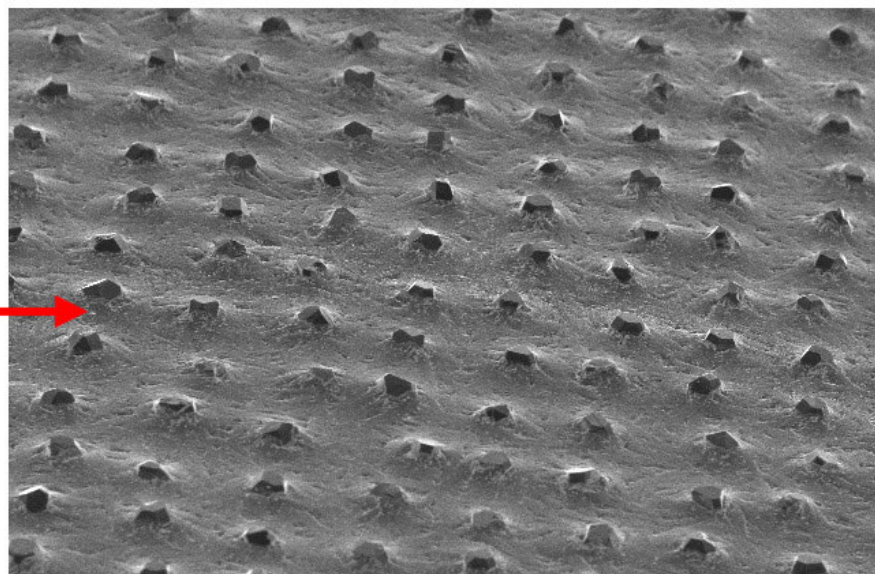


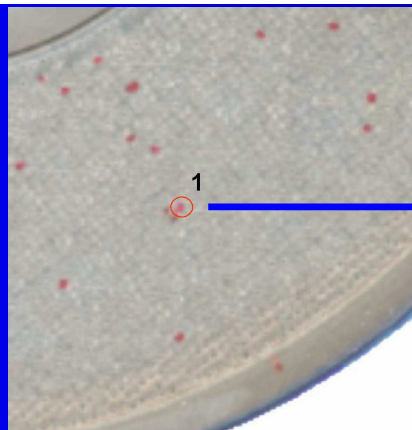
High Temperature

Electroplated



Acid Solution

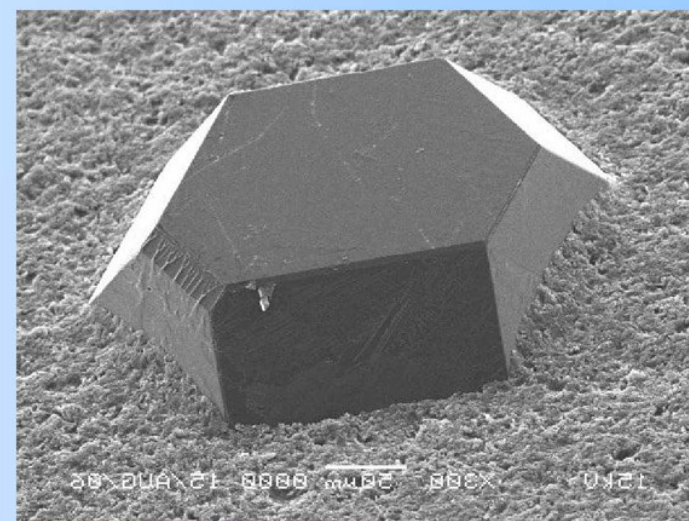
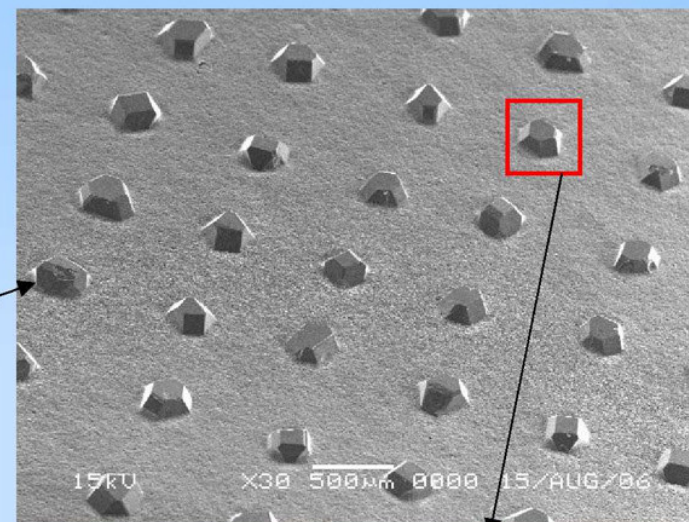
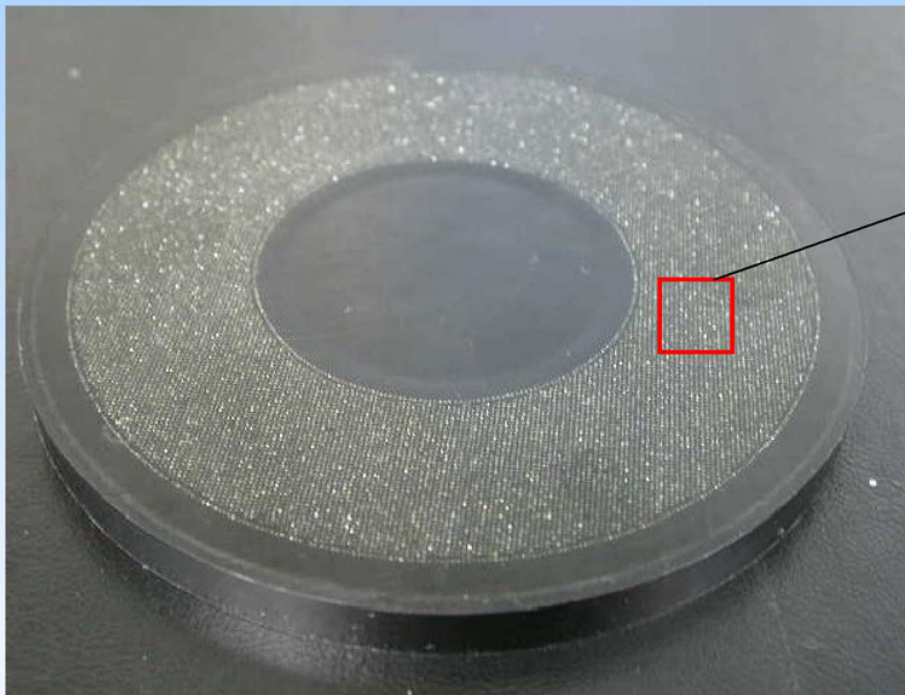




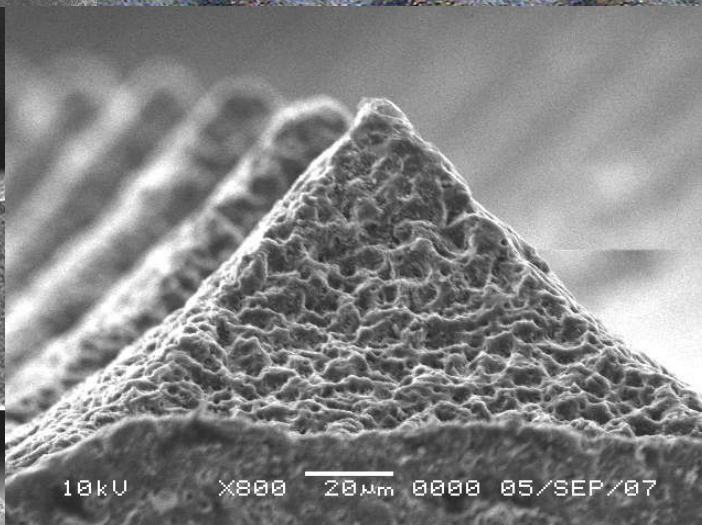
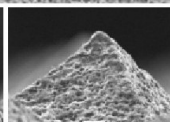
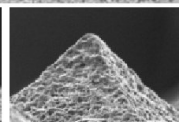
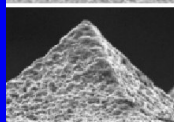
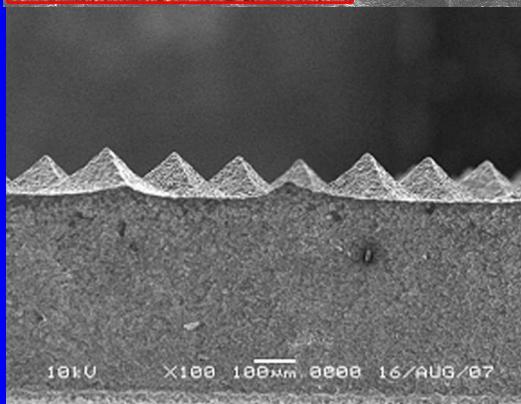
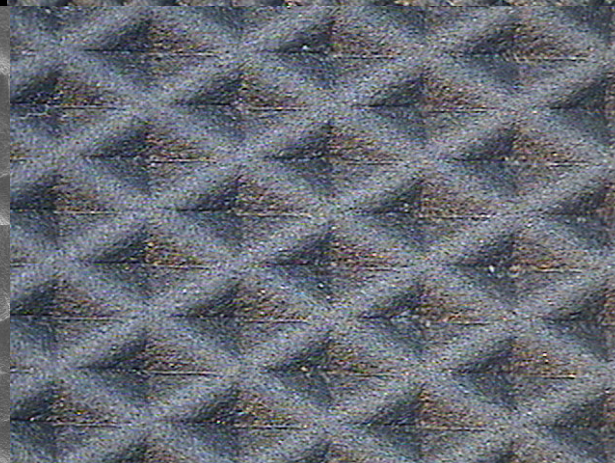
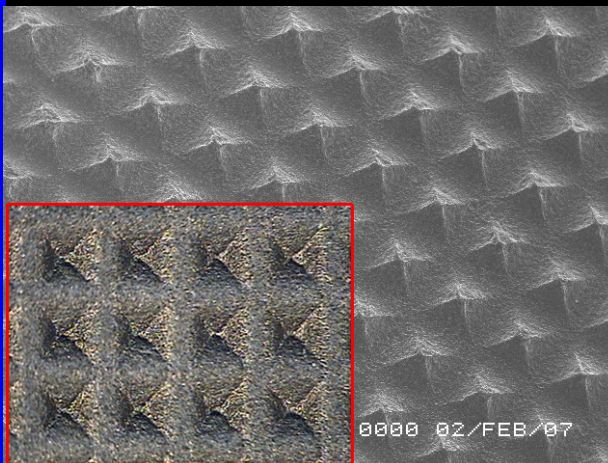
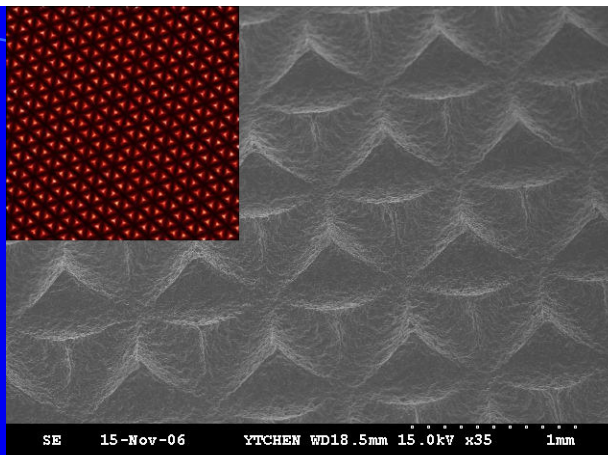
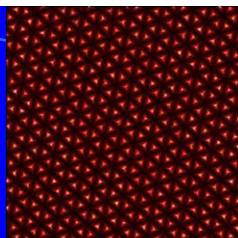
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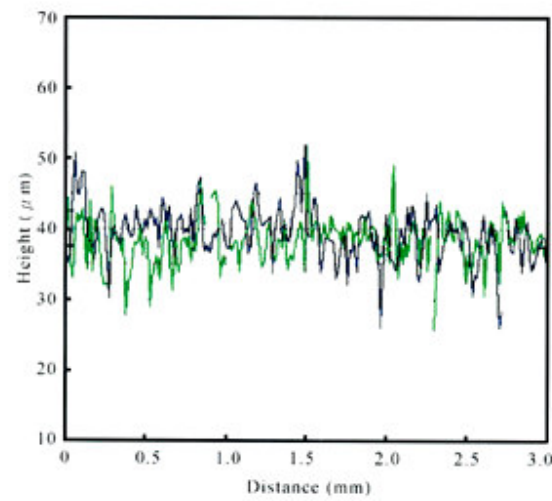
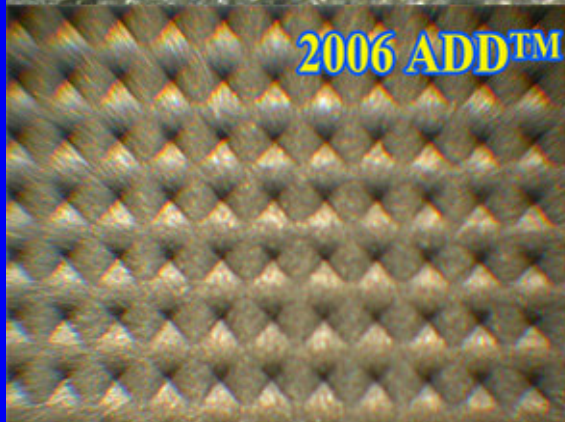
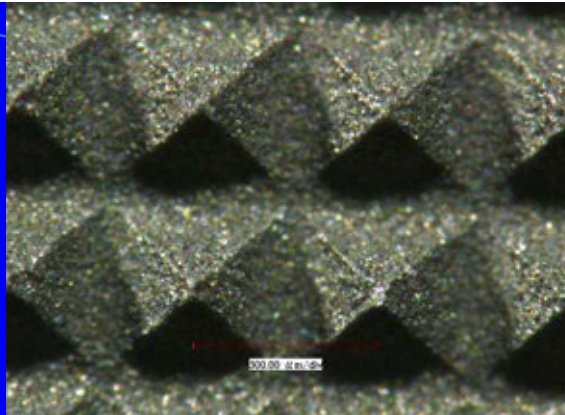


SEM

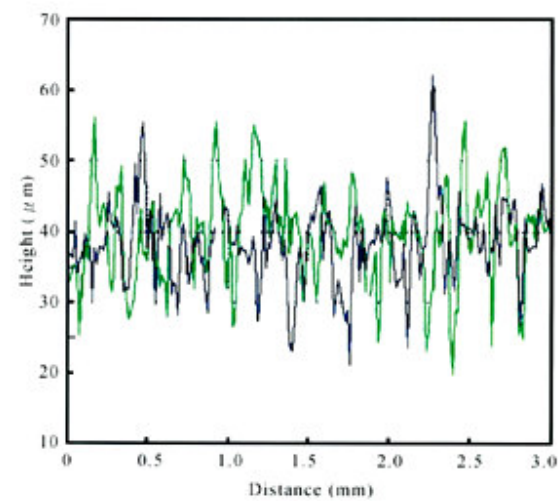
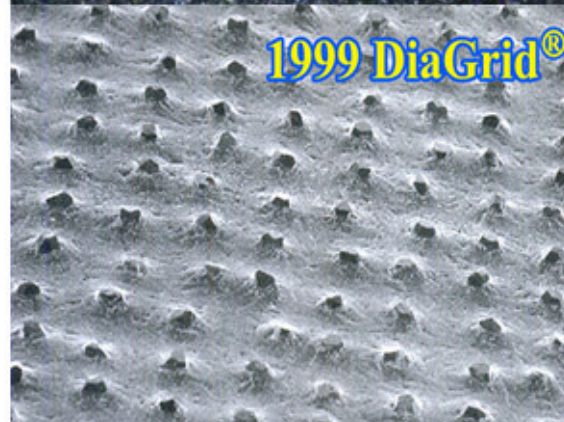
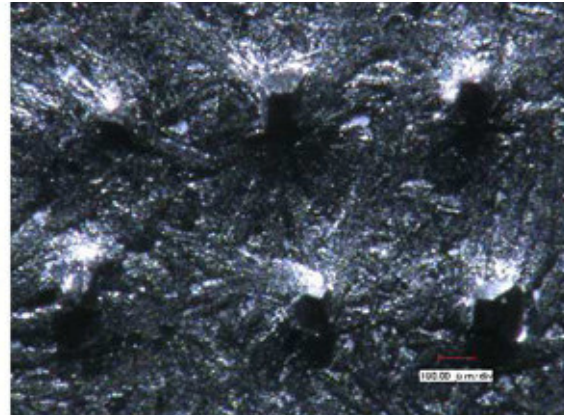






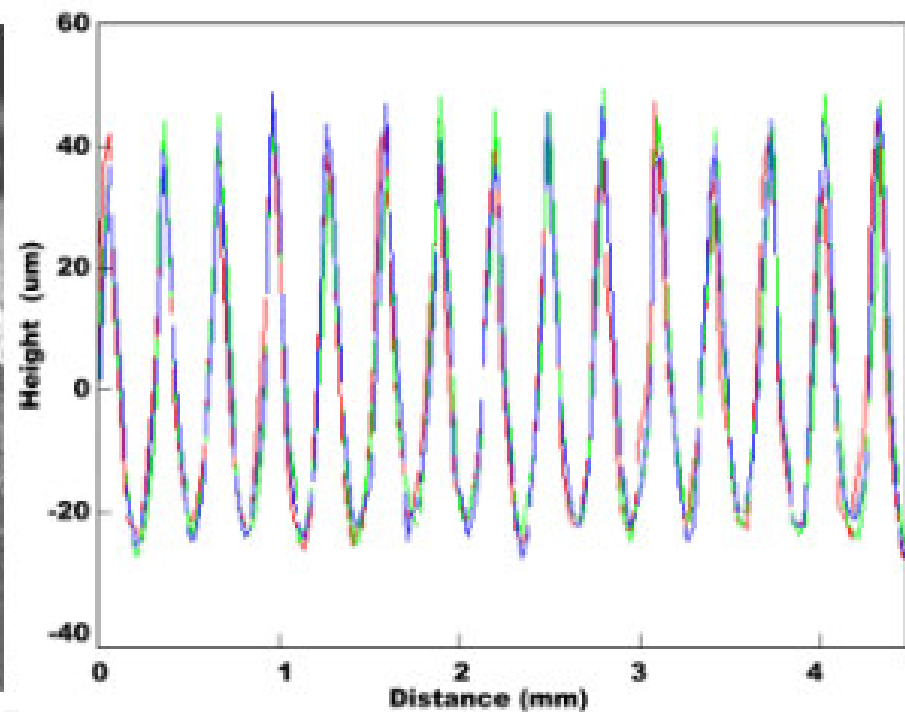
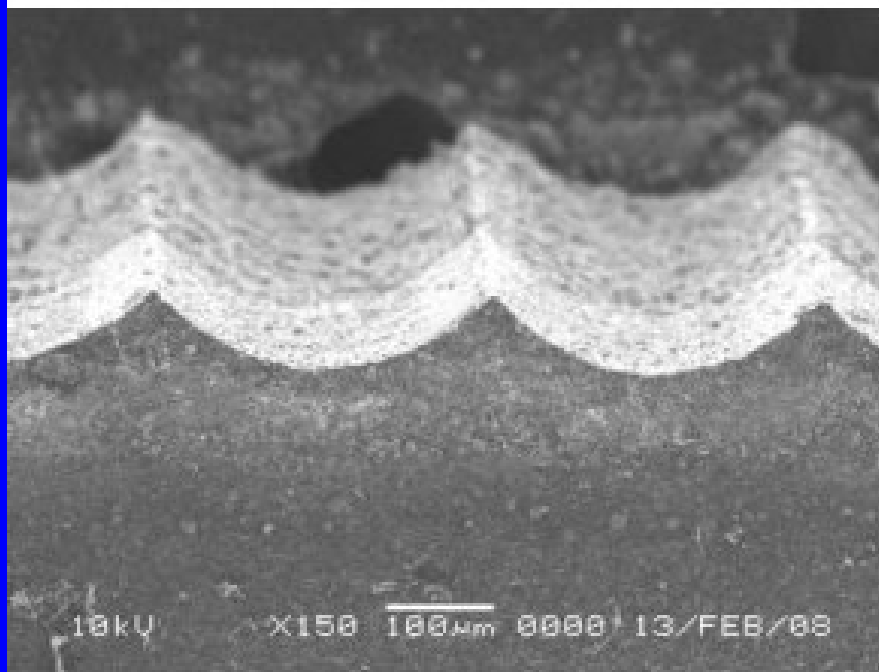


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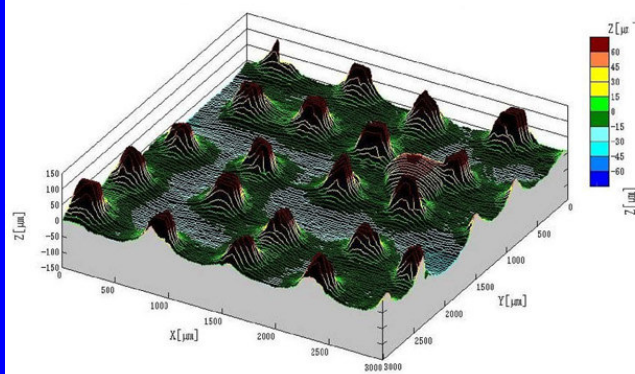


BDD

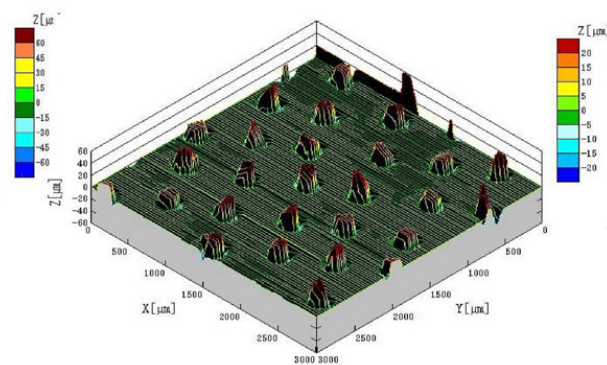




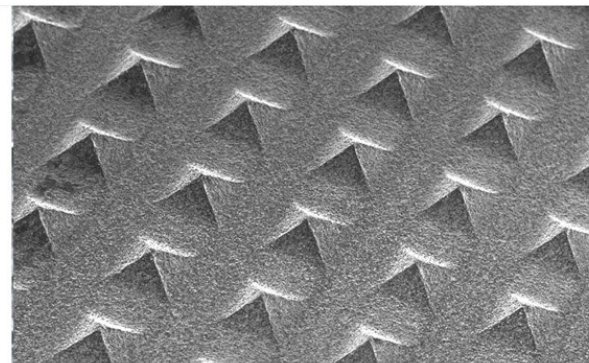
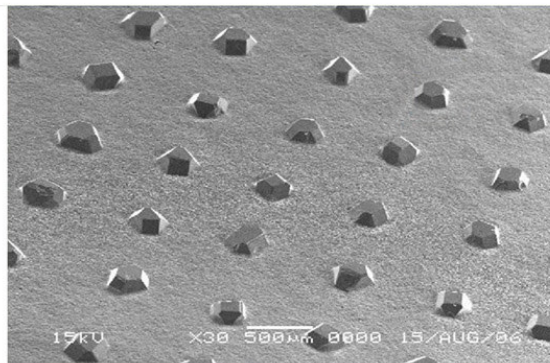
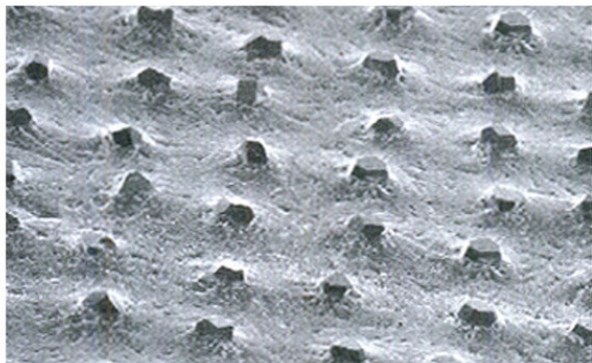
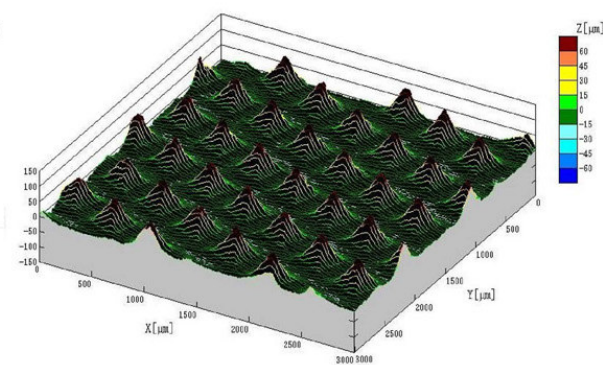
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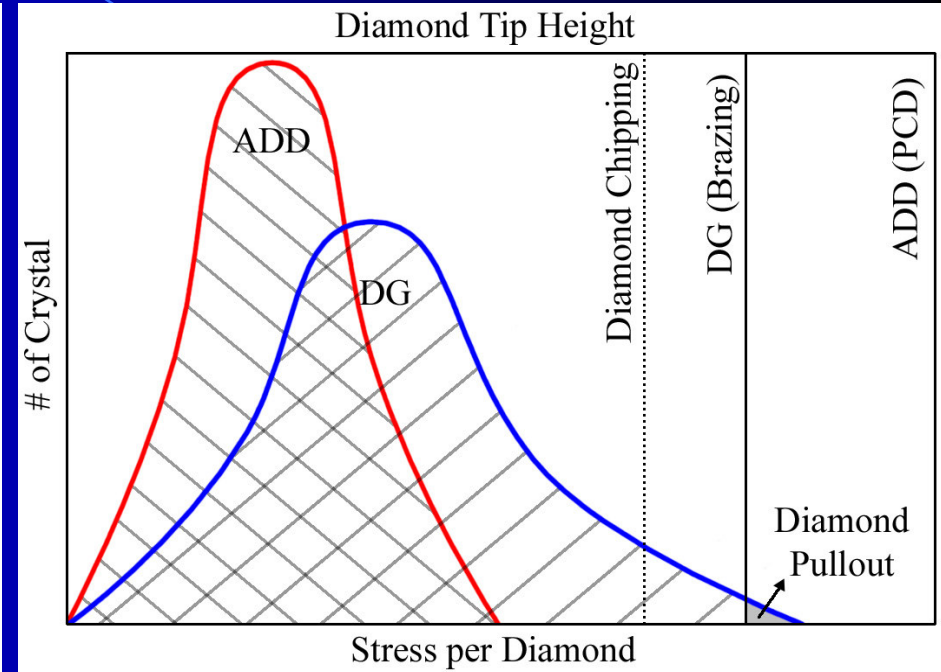
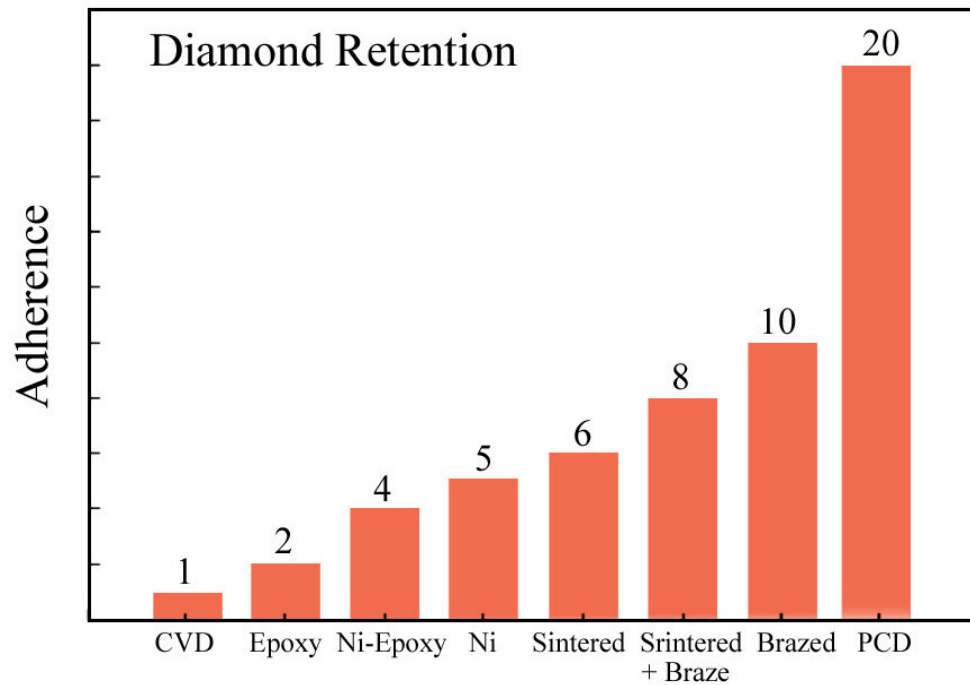


ODD

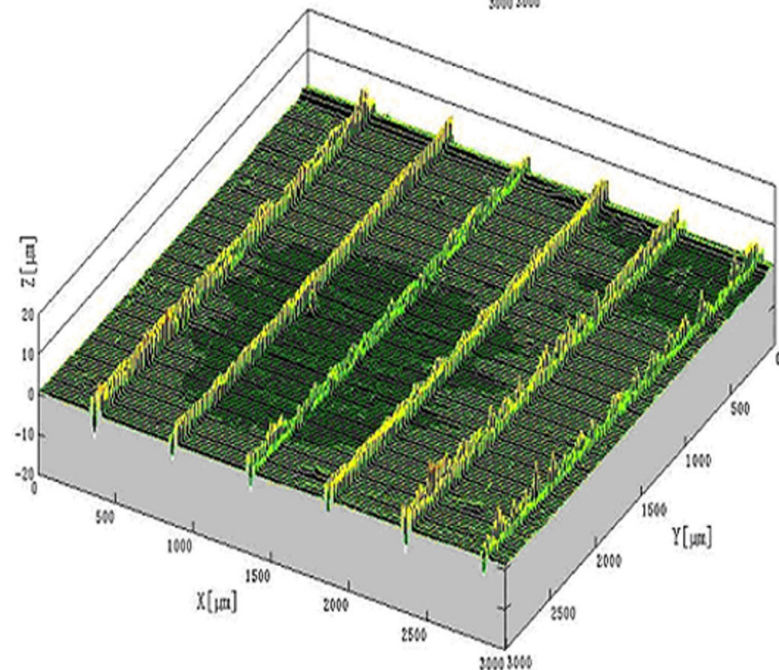
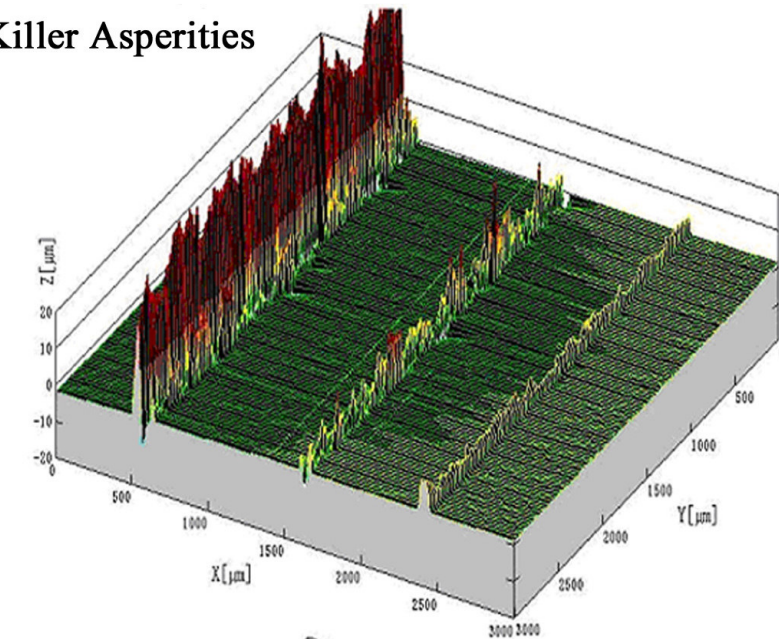


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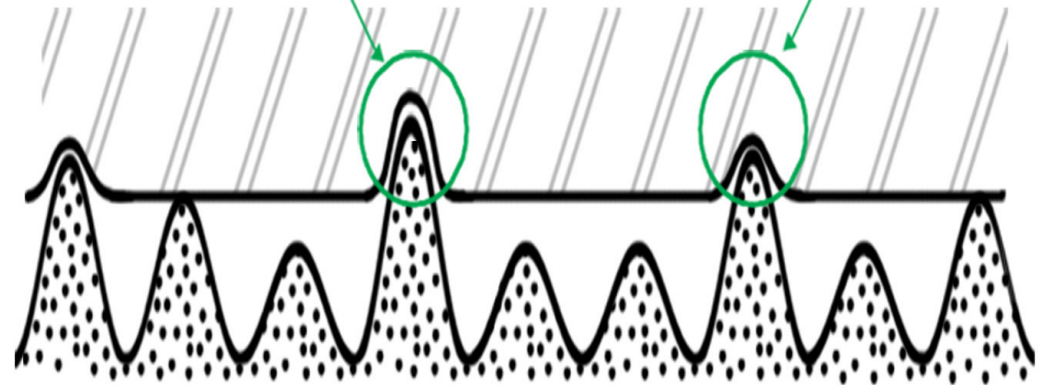


Killer Asperities



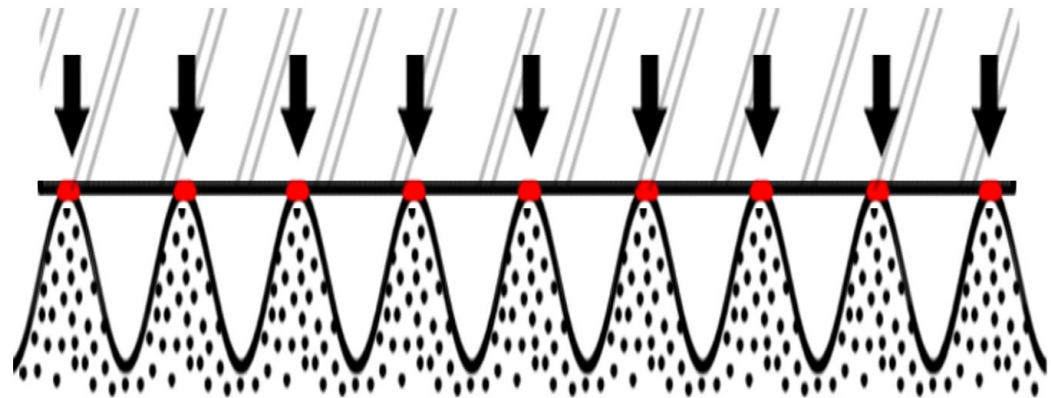
Scratch

Dishing

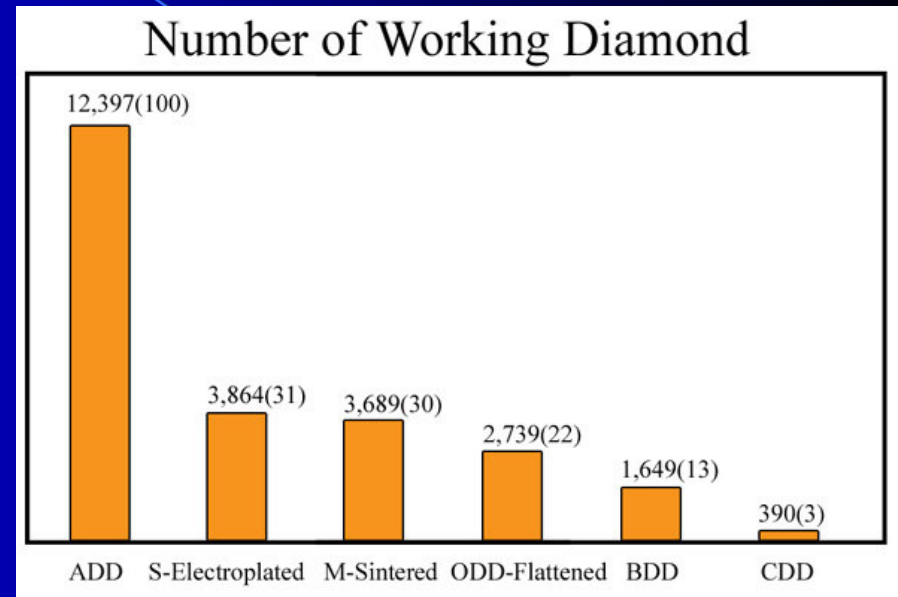
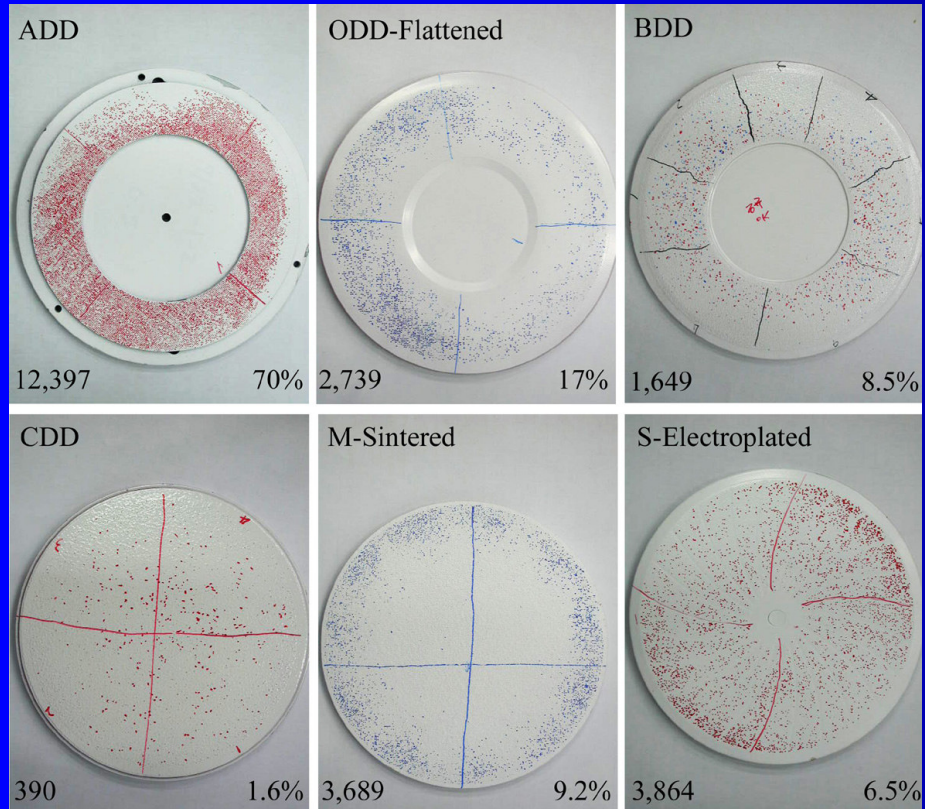


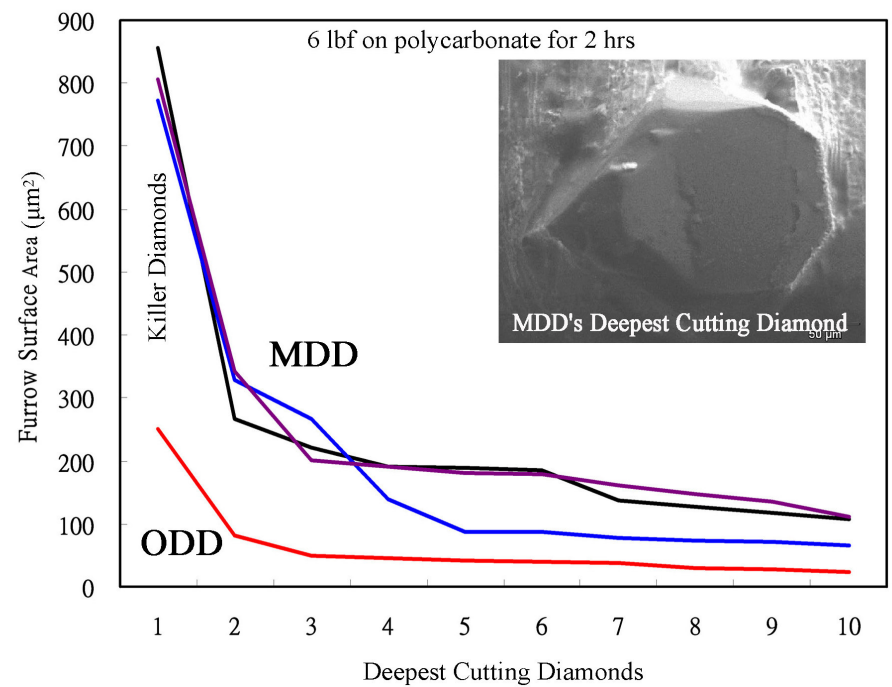
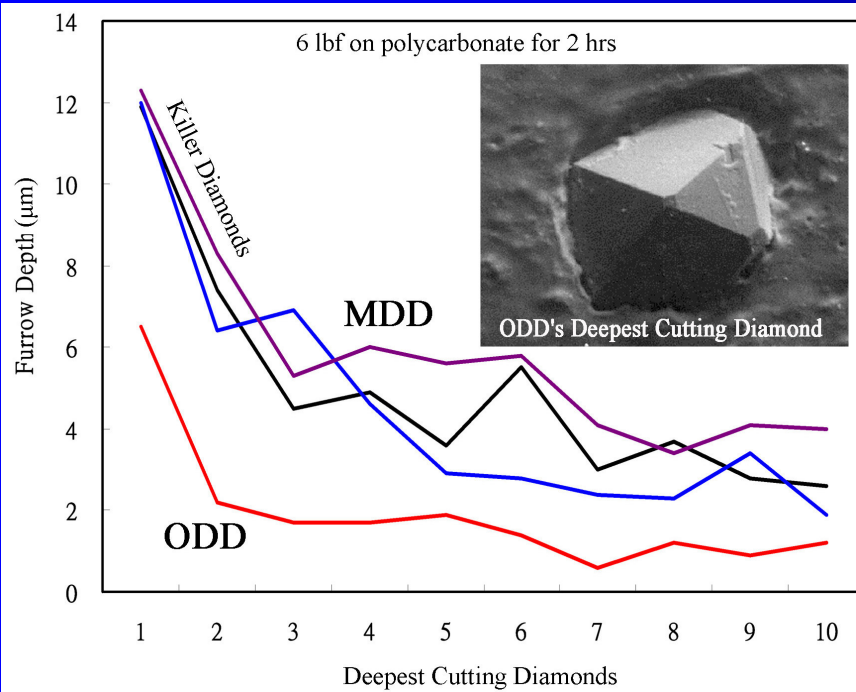
DiaGrid® Dressed Pad

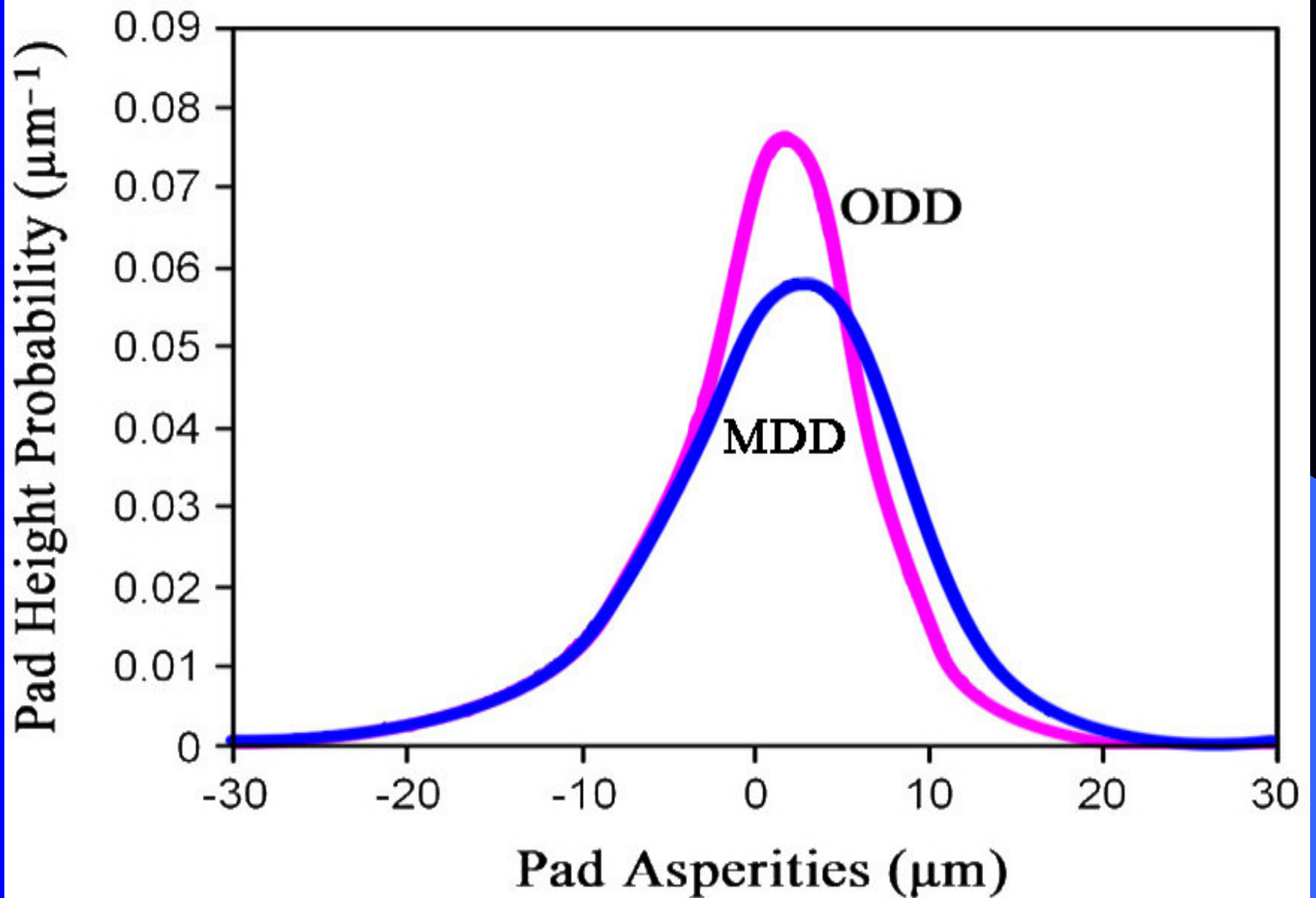
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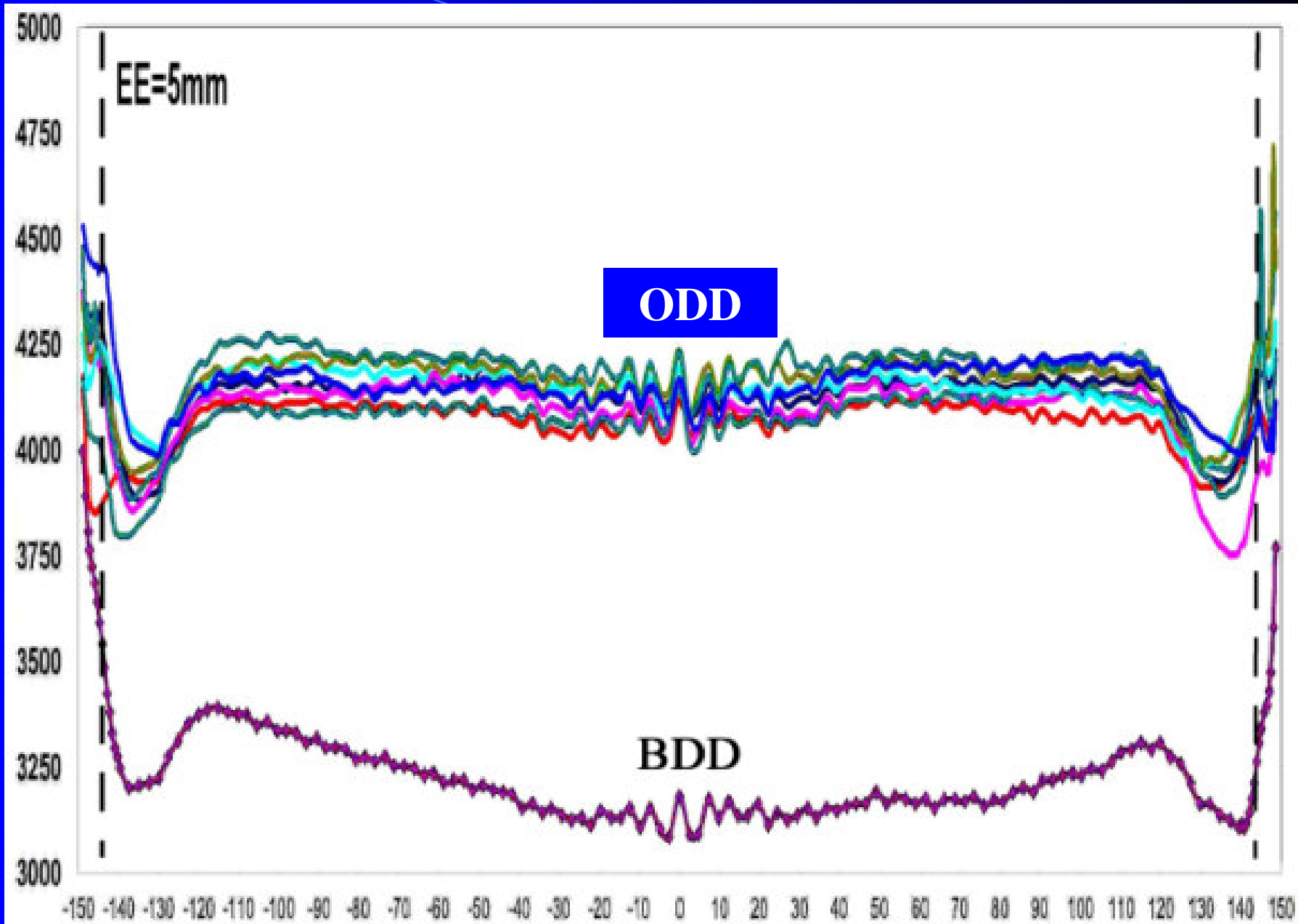


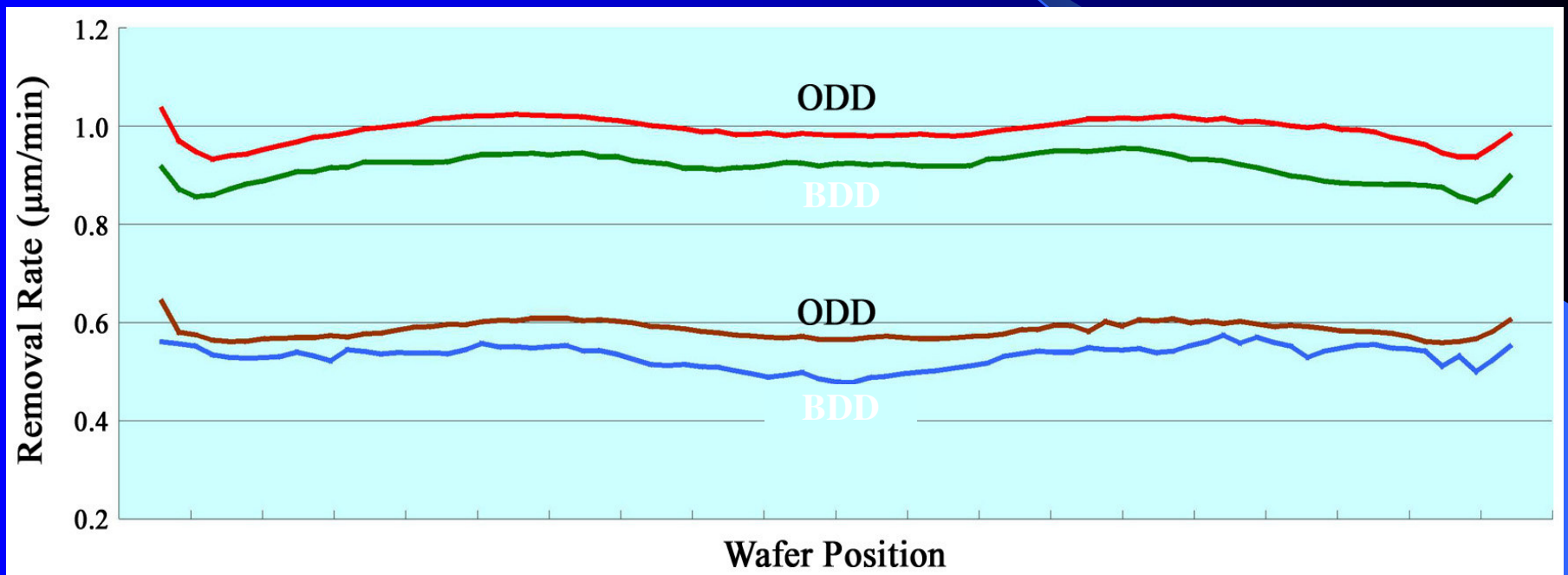
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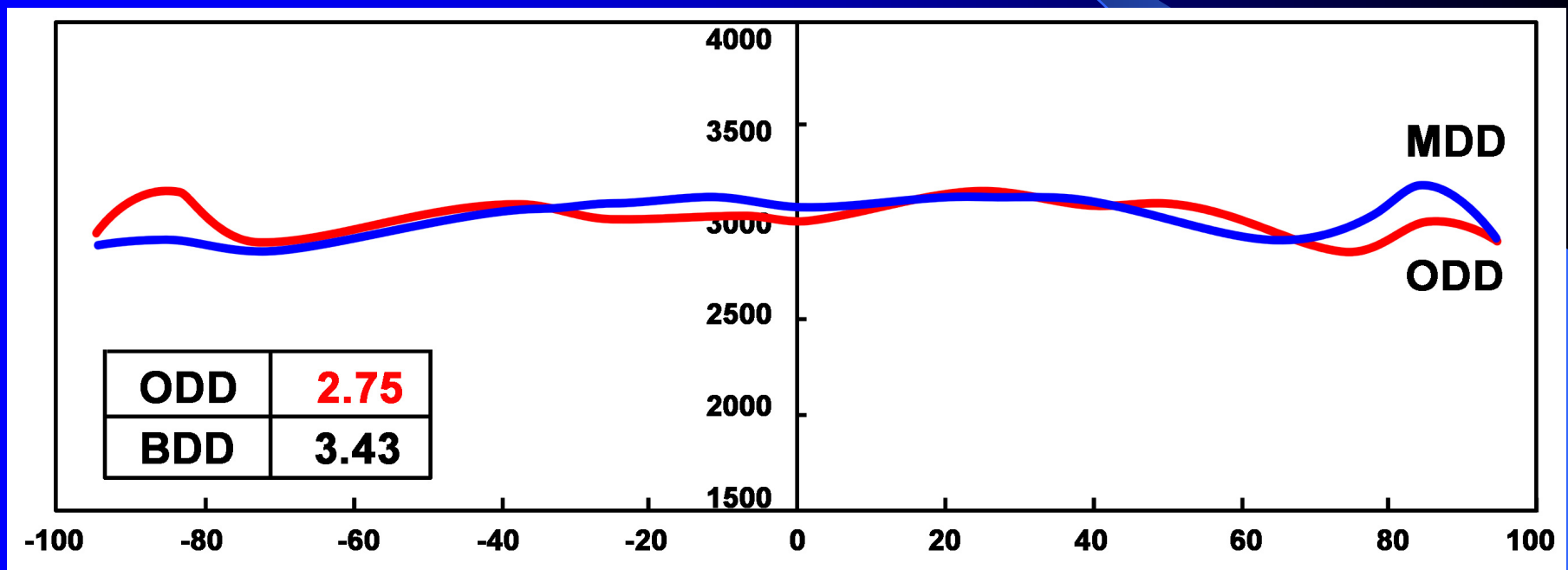


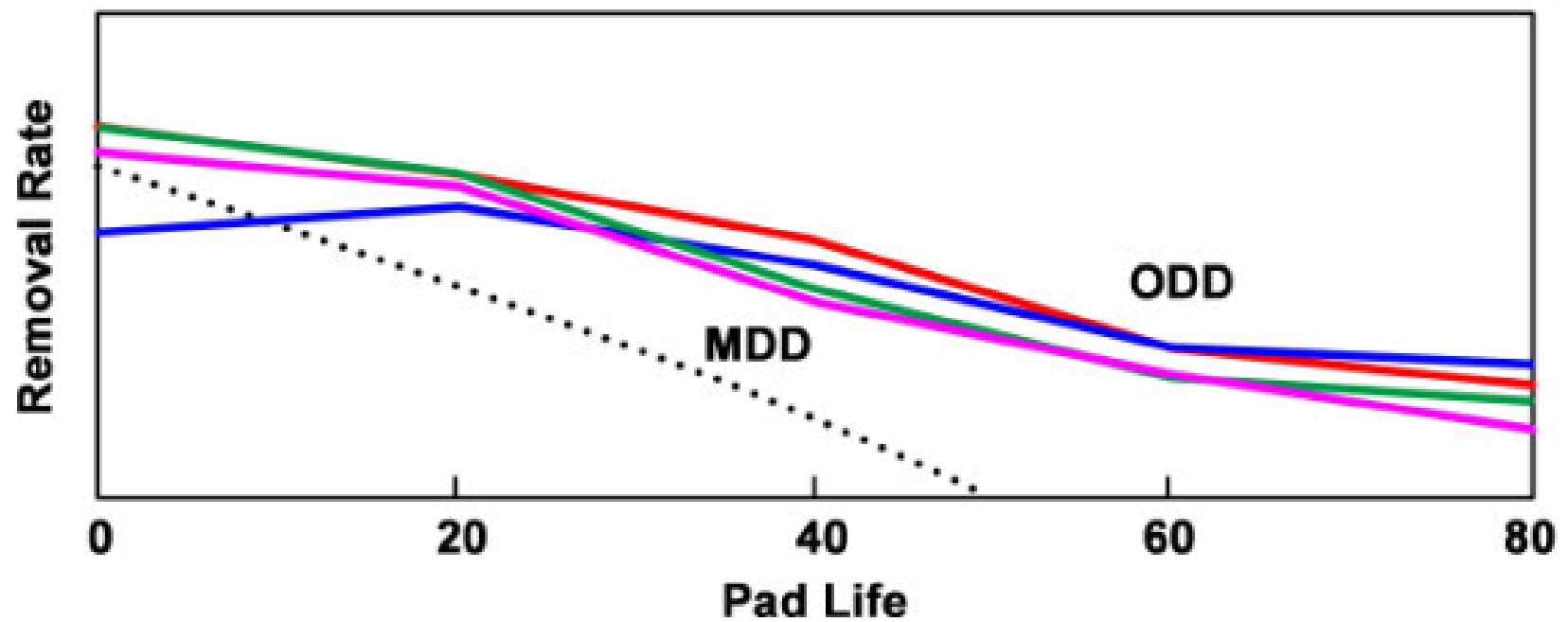
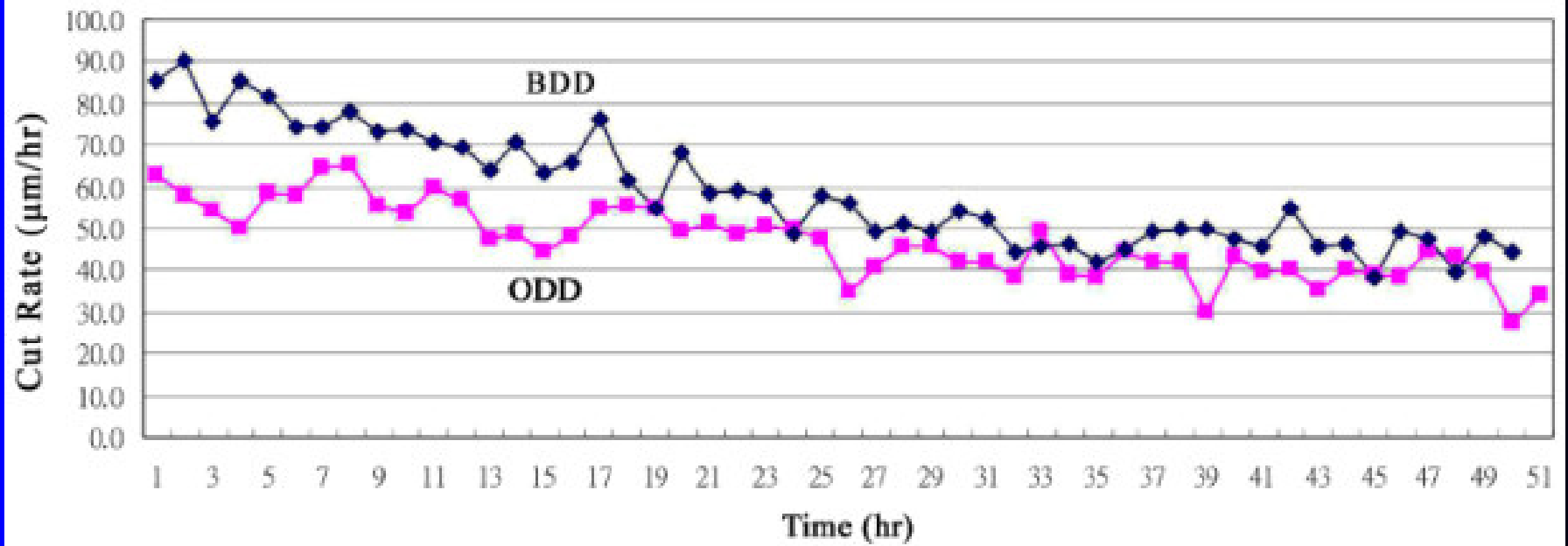


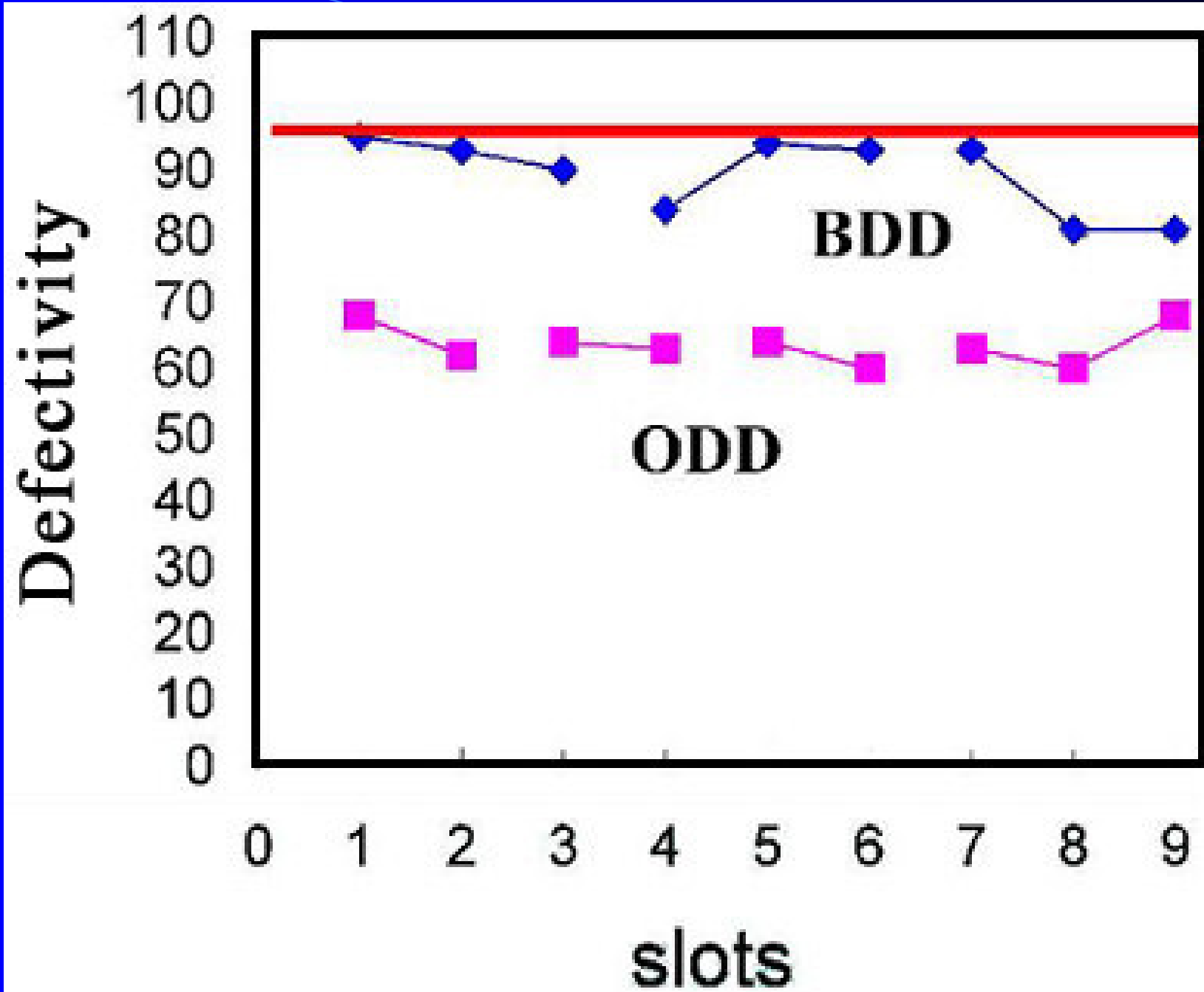


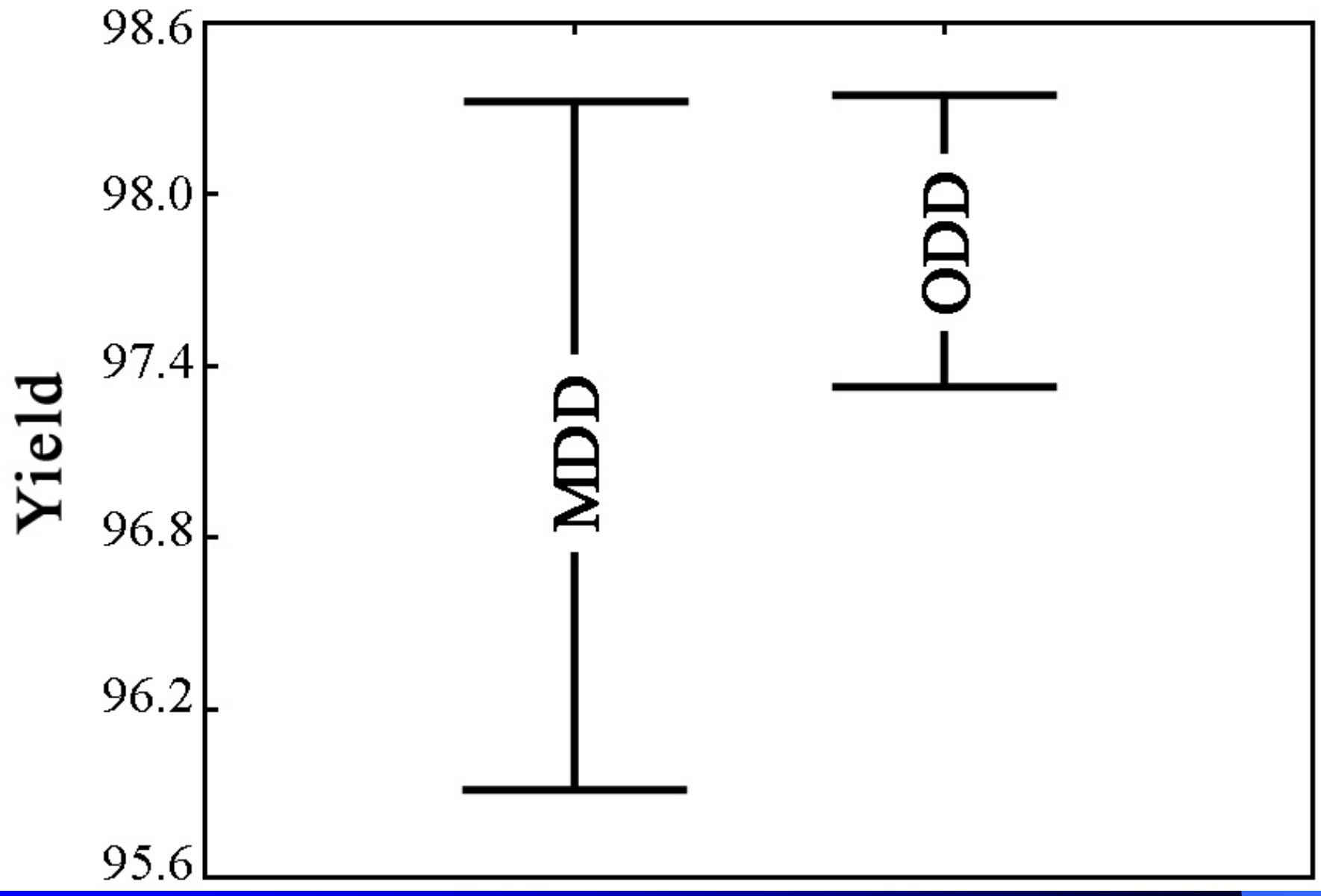


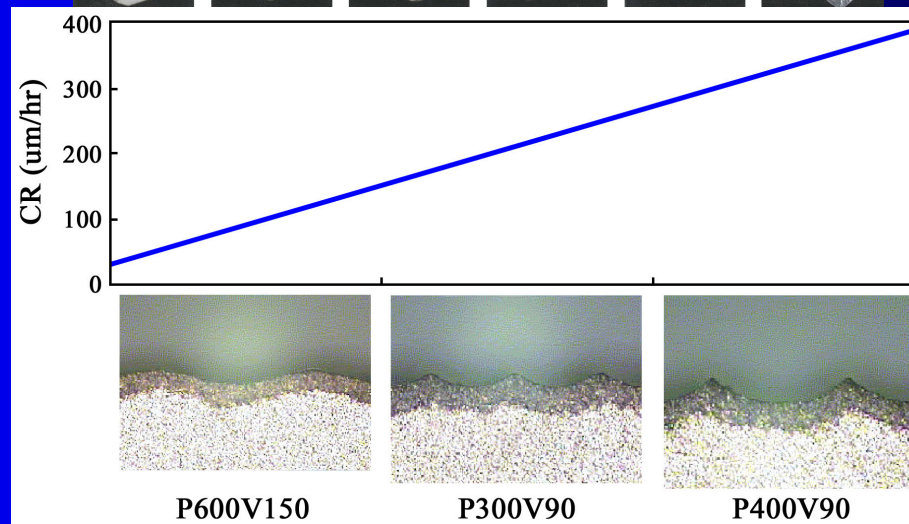
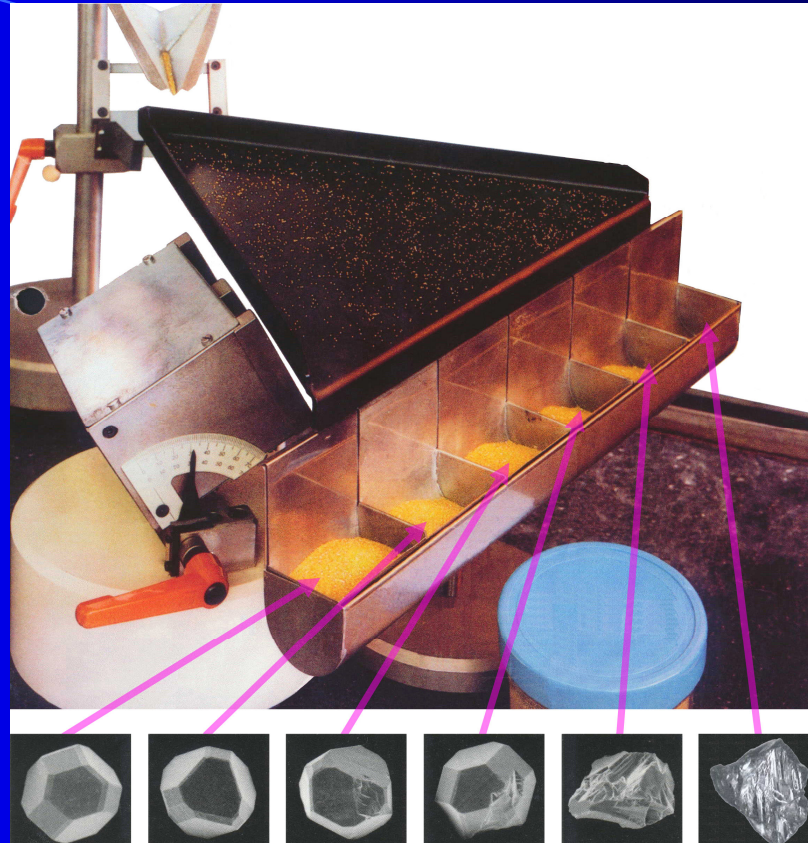




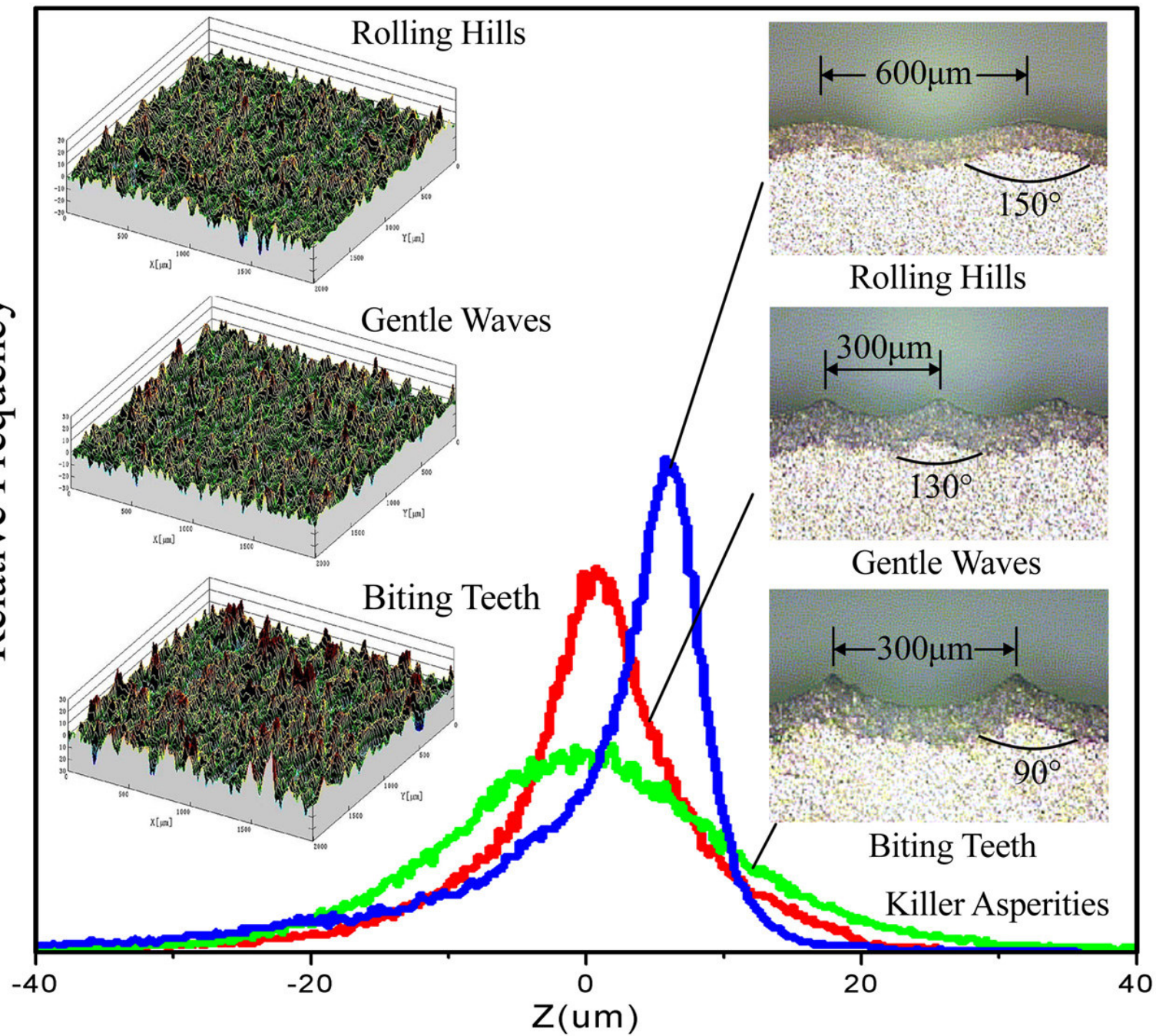


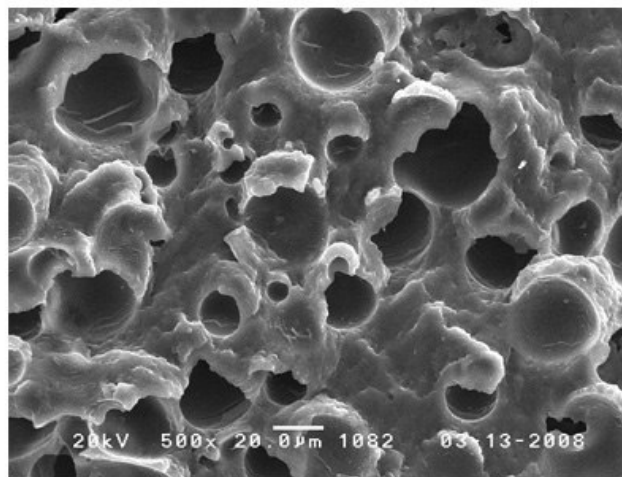
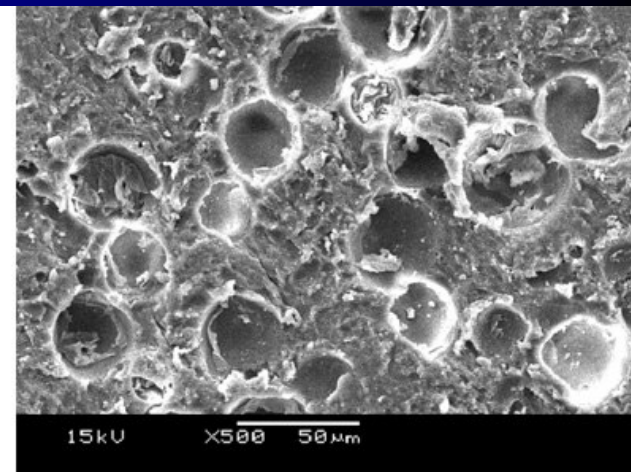
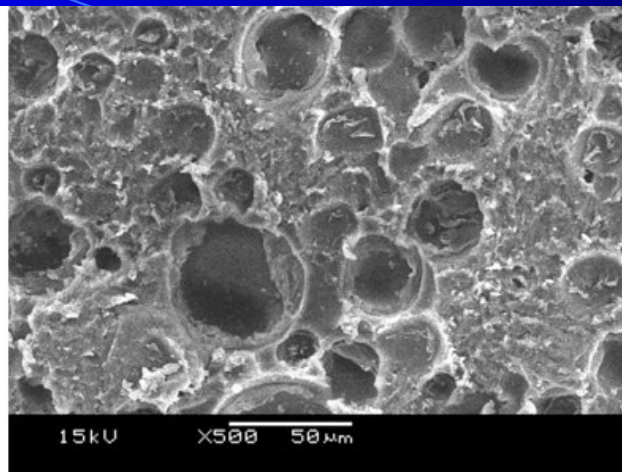
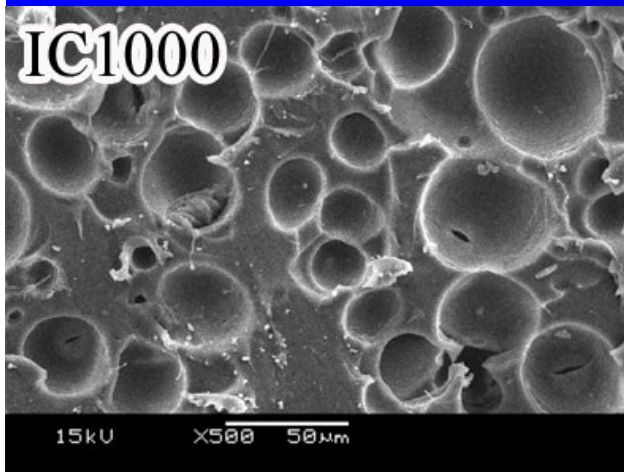






Relative Frequency





Uncuttable

New

ADD

BDD

