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- **SONG, Guoyi**
Benxi, Liaoning 117004 (CN)
- **HOU, Cheng**
Benxi, Liaoning 117004 (CN)
- **HAN, Chengwei**
Benxi, Liaoning 117004 (CN)
- **ZHAO, Zhongliang**
Benxi, Liaoning 117004 (CN)
- **LI, Jialing**
Benxi, Liaoning 117004 (CN)

(71) Applicant: **SHENZHEN UPCERA DENTAL**
TECHNOLOGY CO., LTD
Shenzhen, Guangdong 518057 (CN)

(74) Representative: **Opilex**
32, rue Victor Lagrange
69007 Lyon (FR)

(72) Inventors:
• **HE, Lingling**
Benxi, Liaoning 117004 (CN)

(54) **PRE-SINTERED PORCELAIN BLOCK FOR DENTAL RESTORATION, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF**

(57) A pre-sintered porcelain block for dental restoration; the pre-sintered porcelain block does not contain crystal phases and has a Vickers hardness of 0.5-2 GPa. Due to a hardness which is significantly lower than that of the porcelain block containing a lithium metasilicate crystal phase, the pre-sintered porcelain block may be processed by using dry machining and can simultaneously be processed by using wet machining when being mechanically processed into a dental restoration shape.

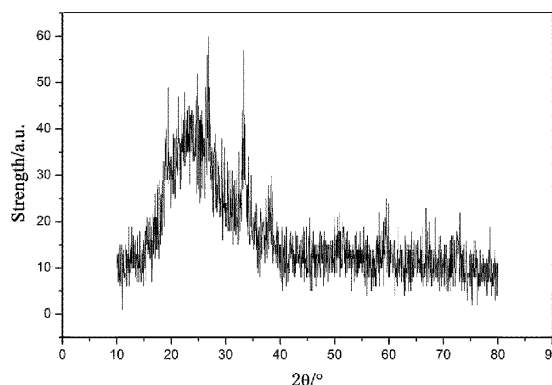


FIG. 1