TABLE S-II. Iodine sorption value (*ISV*) and crystallinity index (*CrI*) of untreated and treated flax fibers

| Sample code | *ISV* /  mgI2 g-1 cellulose | *CrI*  / % |
| --- | --- | --- |
|
| FC | 118.1 | 71.3 |
| FH5R30  FH5R60  FH5R120 | 112.5  107.4  99.9 | 72.7  73.9  75.7 |
| FH10R30  FH10R60  FH10R120 | 148.0  149.9  154.6 | 64.1  63.6  62.5 |
| FH18R30  FH18R60  FH18R120 | 149.4  145.1  149.2 | 63.7  64.8  63.8 |
| FH5B30  FH5B60  FH5B120 | 74.3  90,0  98.4 | 82.0  78.2  76.1 |
| FH10B30  FH10B60  FH10B120 | 129.3  128.5  133.8 | 68.6  68.8  67.5 |
| FC5B30  FC5B45  FC5B60 | 97.2  96.7  93.9 | 76.4  76.5  77.2 |
| FC10B30  FC10B45  FC10B60 | 92.9  92.2  93.1 | 77.5  77.6  77.4 |
| FC20B30  FC20B45  FC20B60 | 88.2  88.5  89.2 | 78.6  78.5  78.4 |