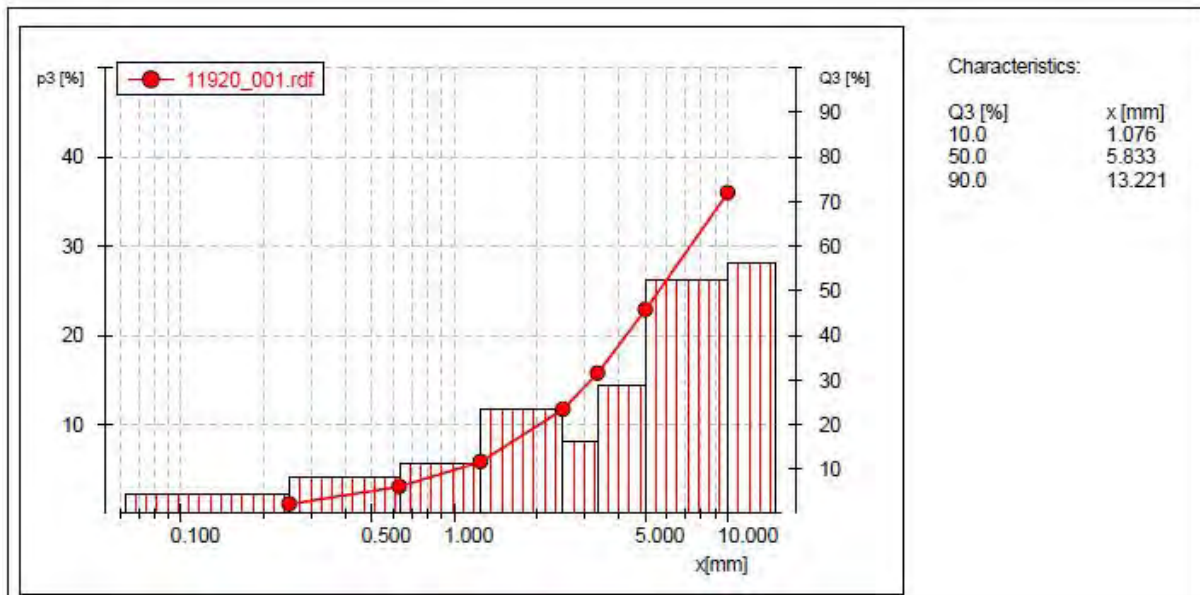


**Task:****Application field:** Agriculture**Material:** Chipped wood, 3 samples**Feed size:** 0-10 mm**Feed quantity:** 500 g coarse, 260 g medium size, 380 g fine**Material specification(s):** fibrous**Customer requirement(s):** Sieve analysis with AS 400, 0.25 mm to 10 mm**Subsequent analysis:** Particle Size Analysis**Solution:****Selected instrument(s):** Horizontal Sieve Shaker AS 400**Configuration(s):** Collecting pan stainless steel, 305 mm  $\varnothing$ , height 40 mm  
Test sieves 305 x 40 mm  
aperture size: 250 / 630 / 1250 / 2500 / 3350 / 5000 / 10000  $\mu\text{m}$ **Parameter(s):** Revolution speed 250 rpm**Time:** 8 - 10 min.**Achieved result(s):** See attached results „EasySieve“**Remark(s):****Recommendation:** For sieving chipped wood and other fibrous materials the Horizontal Sieve Shaker AS 400 is suitable under the above mentioned conditions.

Sample coarse

| Size class [mm] | p3 [%] | Q3 [%] |
|-----------------|--------|--------|
| < 0.250         | 2.1    | 2.1    |
| 0.250 - 0.630   | 3.9    | 6.0    |
| 0.630 - 1.250   | 5.6    | 11.6   |
| 1.250 - 2.500   | 11.8   | 23.3   |
| 2.500 - 3.350   | 8.0    | 31.3   |
| 3.350 - 5.000   | 14.3   | 45.6   |
| 5.000 - 10.000  | 26.3   | 71.9   |
| > 10.000        | 28.1   | 100.0  |

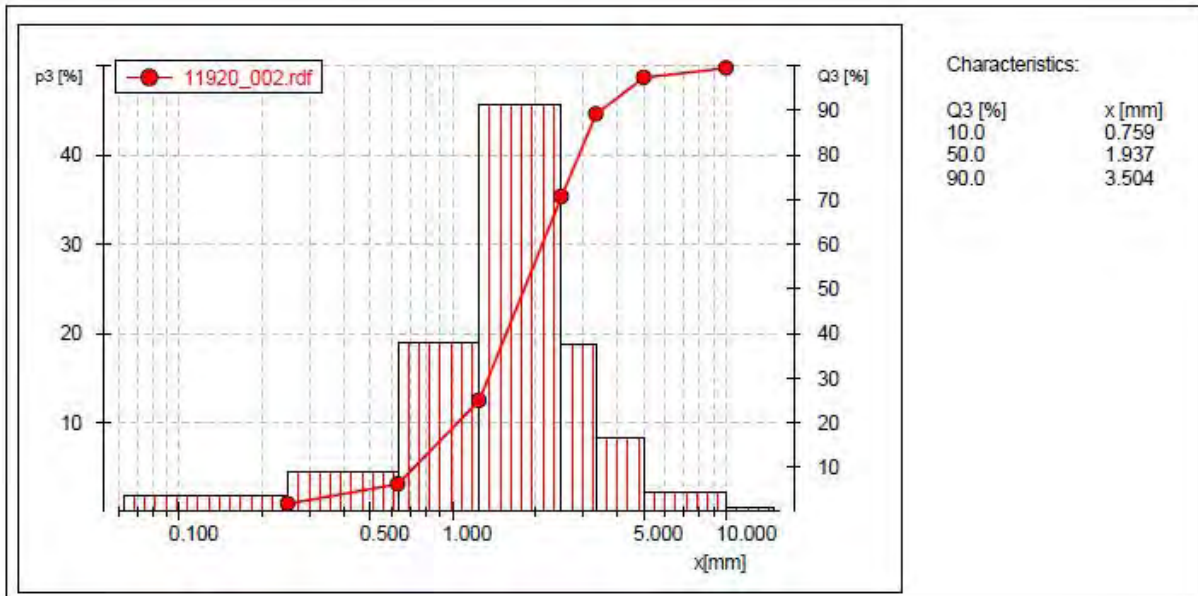


The application report is based solely on the processing of the available sample material in the indicated amount. No legal claims shall be derived from this test report.

Subject to technical modification and errors.

Sample medium size

| Size class [mm] | p3 [%] | Q3 [%] |
|-----------------|--------|--------|
| < 0.250         | 1.7    | 1.7    |
| 0.250 - 0.630   | 4.4    | 6.1    |
| 0.630 - 1.250   | 18.8   | 24.9   |
| 1.250 - 2.500   | 45.7   | 70.6   |
| 2.500 - 3.350   | 18.6   | 89.2   |
| 3.350 - 5.000   | 8.1    | 97.4   |
| 5.000 - 10.000  | 2.2    | 99.6   |
| > 10.000        | 0.4    | 100.0  |

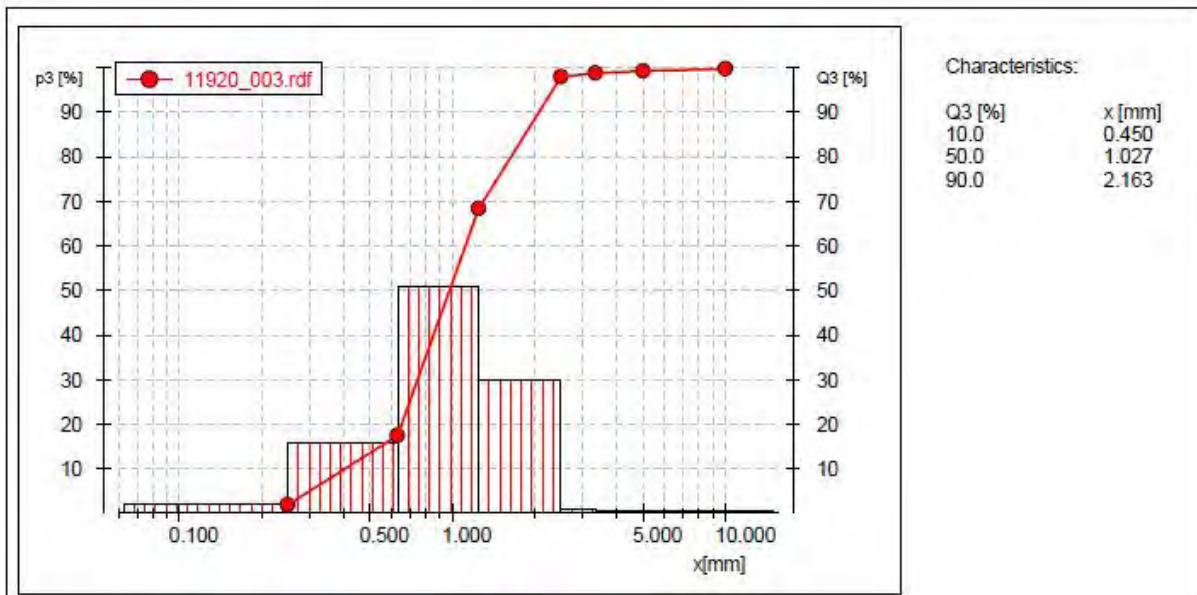


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Sample fine

| Size class [mm] | p3 [%] | Q3 [%] |
|-----------------|--------|--------|
| < 0.250         | 1.8    | 1.8    |
| 0.250 - 0.630   | 15.6   | 17.4   |
| 0.630 - 1.250   | 51.0   | 68.3   |
| 1.250 - 2.500   | 29.7   | 98.0   |
| 2.500 - 3.350   | 0.8    | 98.8   |
| 3.350 - 5.000   | 0.5    | 99.3   |
| 5.000 - 10.000  | 0.4    | 99.7   |
| > 10.000        | 0.3    | 100.0  |



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