



HPX™ WATERJET ABRASIVES PARTICLE SIZE DISTRIBUTION

| Grade | | 50 HPX | 65 HPX | 80 HPX | 85 HPX | 120 HPX | 150 HPX | 220 HPX | 230 HPX |
|---------------------------|--------------------------|-------------------|-----------|-----------|-----------|------------|------------|------------|------------|
| Recommended Nozzle Size | | .040" | .040" | .040" | .030" | .030" | .020" | .020" | .015" |
| Minimum Nozzle Size | | .040" | .040" | .030" | .030" | .020" | .015" | .015" | .015" |
| Screen Size Tyler / US | Opening Micron / Inch | Percent by Weight | | | | | | | |
| 28 / 30 | 600 / .0234 | <1 | | | | | | | |
| 32 / 35 | 500 / .0197 | 2 | 1 | | | | | | |
| 35 / 40 | 425 / .0165 | 25 | 6 | | | | | | |
| 42 / 45 | 355 / .0139 | 40 | 26 | 5 | 1 | | | | |
| 48 / 50 | 300 / .0117 | 22 | 23 | 19 | 10 | | | | |
| 60 / 60 | 250 / .0098 | 8 | 19 | 26 | 13 | | | | |
| 65 / 70 | 212 / .0083 | 3 | 13 | 21 | 14 | 2 | | | |
| 80 / 80 | 180 / .0070 | | 7 | 17 | 13 | 14 | | | |
| 100 / 100 | 150 / .0059 | | 3 | 7 | 18 | 29 | 1 | | |
| 115 / 120 | 125 / .0049 | | 2 | 5 | 17 | 28 | 19 | 5 | <1 |
| 150 / 140 | 106 / .0041 | | | | 7 | 15 | 39 | 21 | 8 |
| 170 / 170 | 90 / .0035 | | | | 4 | 7 | 24 | 28 | 31 |
| 200 / 200 | 75 / .0029 | | | | 3 | 5 | 12 | 22 | 29 |
| 250 / 230 | 63 / .0025 | | | | | | 4 | 15 | 18 |
| 270 / 270 | 53 / .0021 | | | | | | 1 | 5 | 6 |
| 325 / 325 | 45 / .0017 | | | | | | | 4 | 8 |

Particle size distributions are typical. Some variation exists.
Columns may not add up to 100% due to rounding.

www.barton.com

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