



Rev. 00 - 30.09.2022

# Technical Data Sheet

## RubberJet Powder RJP™ 200

|                            |                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name</b>        | RJP™ 200                                                                                                                              |
| <b>Product description</b> | Black rubber powder (polymer) derived from end-of-life tyres through disgregation process done by High Pressure Water Jet Technology. |

### Classification according to UNI 11610-1: 2015

| Product specifications |              | Classification |            |                  |     |
|------------------------|--------------|----------------|------------|------------------|-----|
| Origin                 | Granulometry | Free metal     | Free fibre | Other impurities | ICG |
| 3C                     | 0÷0.2        | 1              | 1          | 1                | 1   |

| Physical properties  | Test methods                   | Unit              | Value  |
|----------------------|--------------------------------|-------------------|--------|
| Particle size range  | UNI EN 14243-2:2019            | mm                | 0÷0.2  |
| Specific density     | ASTM D 297                     | g/cm <sup>3</sup> | 1.12   |
| Humidity             | UNI EN 14346:2007 Method A     | %                 | 0.3    |
| Free metal content   | UNI EN 14243-2:2019 Appendix A | %                 | 0.03   |
| Free fibre content   | UNI EN 14243-2:2019 Appendix B | %                 | <0.001 |
| Other impurities     | UNI EN 14243-2:2019 Appendix C | %                 | 0.6    |
| Rubber content       | ASTM D 5603:2008               | %                 | 57.4   |
| Carbon black content | ASTM D 5603:2008               | %                 | 29.9   |
| Ashes content        | ASTM D 5603:2008               | %                 | 6.0    |
| Acetone extractable  | ASTM D 297:2013                | %                 | 6.2    |

**PACKAGING:** big bag

**HEALTH & SAFETY:** guidelines on health and safety are given in the Technical Safety Data Sheet

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CERTIFICATIONS: ISO 9001: 2015

*Note: characteristics specified are typical for the product which is obtained from a large number of different tyres. Consequently, RubberJet Valley cannot give any exact nominal values on the chemical composition of the material. The above-mentioned nominal values have been prepared to the best of our knowledge and RubberJet Valley shall not be liable for any insufficiency or inaccuracy in such information.*

