



TECHNICAL DATA SHEET

Rev. 2.2 of 18/01/2019
Replaces previous editions

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1. Product identifier

Product name "High Pressure Water Jet" powder **RJP™_800**

Origin The "High Pressure Water Jet" powder is a recycled rubber obtained from ELTs Truck tires by using the RubberJet Valley's "High Pressure Water Jet" Technology.

2. Details of the supplier

Company name RubberJet Valley S.r.l.
Address Via Bertani 6
City/ Country 20154 Milano – Italy
Contact person Tommaso Verri
e-mail tommaso.verri@rubberjet.it

3. Physical and Chemical Properties

Property	Nominal Value	Unit	Testing Procedures
Particle Size Distribution			
> 0.8 mm	0.0	%	CEN TS 14243: 2010 Punto 5.5
0.8 – 0.6 mm	0.5	%	
0.6 – 0.45 mm	14.3	%	
0.45 – 0.3 mm	69.2	%	
0.3 – 0.2 mm	15.7	%	
0.2 – 0.125 mm	0.2	%	
0.125 – 0.09 mm	0.0	%	
0.09 – 0.045 mm	0.0	%	
< 0.045 mm	0.0	%	
Humidity	0.7	%	ASTM D 1509-95 (2007)
Content of metal fibers	0.01	%	CEN TS 14243: 2010 Annex A
Content of textile fibers	< 0.001	%	CEN TS 14243: 2010 Annex B
Other impurities	0.5	%	CEN TS 14243: 2010 Annex C
Content of Rubber	59.0	%	ASTM D 5603 (2008)
Content of Carbon Black	30.7	%	ASTM D 5603 (2008)

Content of Ashes	1.9	%	ASTM D 5603 (2008)
Extraction with Acetone	5,4	%	ASTM D 297 (2013)

4. Surface Appreciation

Electron microscope (SEM)

The images obtained with the electron microscope are visible below:

Figure 1 – Powder at 20X

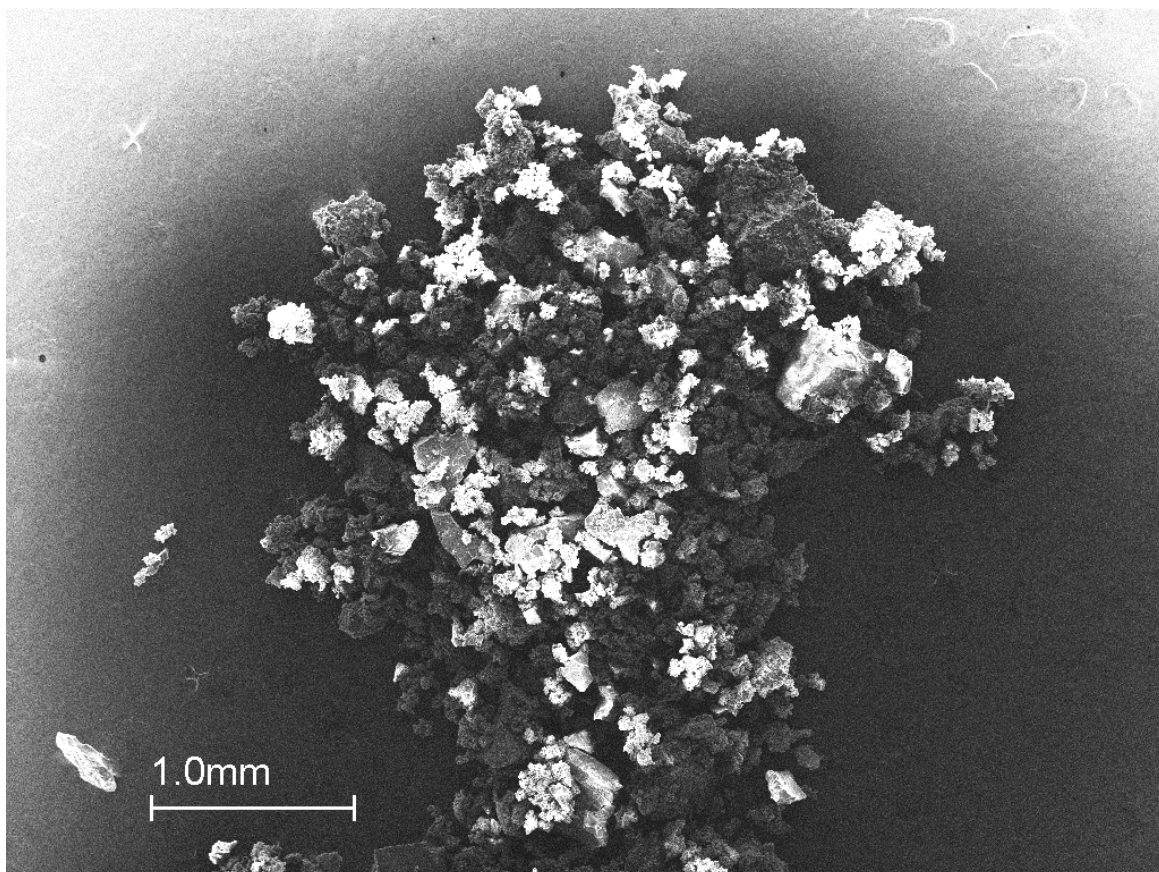
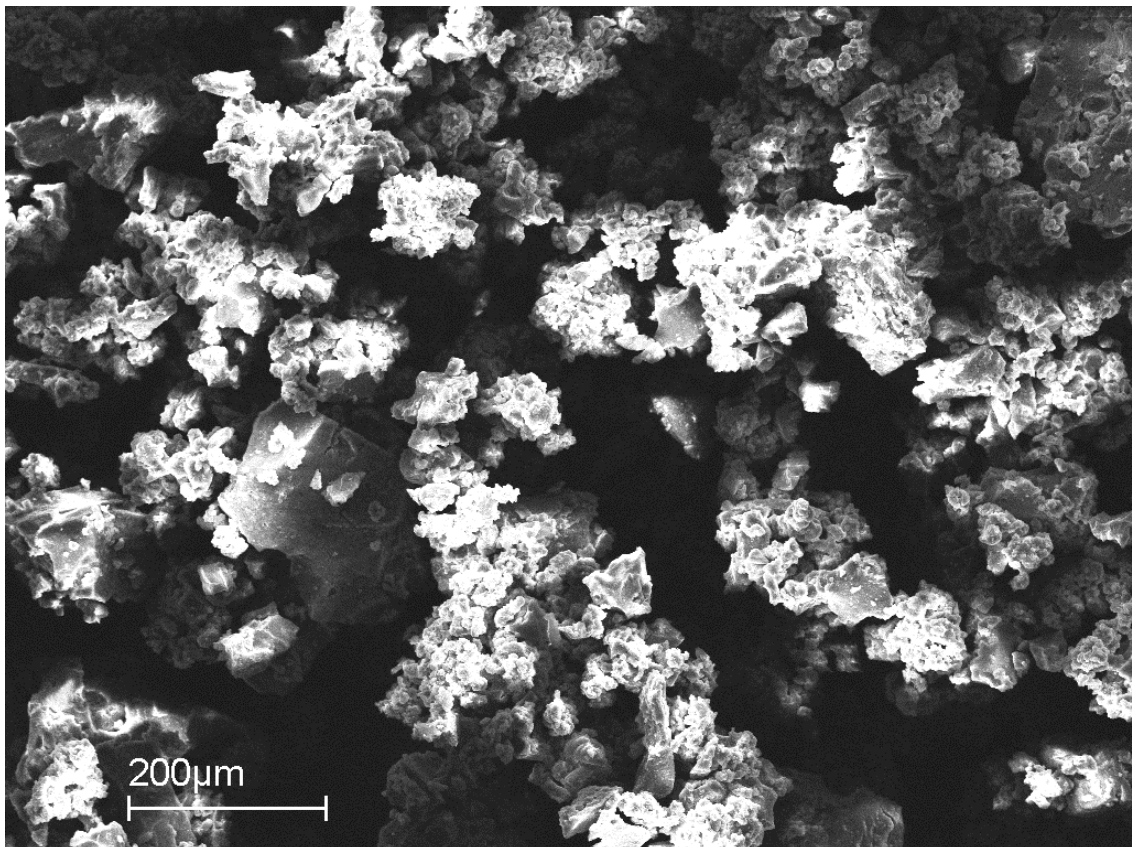


Figure 2 – Powder at 100X



5. Packaging

Packaging

Big bag

Storage Conditions

Store at temperature not exceeding 30°C

5. Certifications

Analysis and Characterization of the Water Jet powder has been made by the Institute of Excellence CERISIE (Milan-Italy) whose purpose is to characterize rubber and plastic in compliance with national and international standards.