



**PRO
WHEELIUM**
PREMIUM SERIES



PROWHEELIUM®

Ready-to-use operating mix for surface preparation by wheel-blasting



Quality

- Optimal surface profile for an improved coating adhesion,
- Low conductivity for a minimal surface contamination,
- Sustainable performances thanks to the high stability of the operating mixture.

Performance

Air-blasting results in wheel machines at optimum cost

Versus regular GH grit :

- -30% consumption
- Improved coating adhesion
- -20% machine wear
- reduced paint consumption

	PW123	PW145	PW158
Ra (µm)	12 - 15	8 - 12	5 - 8
Rz (µm)	70 - 90	50 - 70	30 - 50
Pc (cm)	30 - 50	40 - 60	50 - 60

Indicative Surface Roughness Ranges

Optimize your surface preparation in wheel machines

Application: internal pipe coating, surface preparation before metallizing (metallic structures), surface preparation before bonding (brake pads, silent blocks).

Special heat treatments giving the ideal balance of cleaning efficiency and durability.

Exclusive size grading which guarantees the consistency and efficiency of the operating mix.

Hardness: 59 to 61 HRC

Chemical composition:

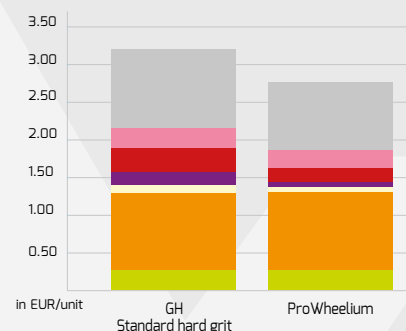
C≥0.85% – Si ≥ 0.4% – 0.6% ≤Mn≤1.2% – S≤0.05% – P<0.05%

General shape: angular

Cost

- High cleaning rate & low consumption for an unrivalled cost efficiency,
- Optimized surface profile for a low paint/coating consumption,
- Specifically heat-treated for low machine wear.

Blasting process cost



Sieve analysis

	PW123	PW145	PW158
#12 - 1.70 mm	0 %		
#14 - 1.40 mm	5 % max		
#16 - 1.18 mm		0 %	
#18 - 1.00 mm	50 à 70 %	5 % max	
#20 - 0.85 mm			0 %
#25 - 0.71 mm	85 % min		5 % max
#30 - 0.60 mm	90 % mini	50 - 70 %	20 % max
#35 - 0.50 mm			
#40 - 0.42 mm			40 - 60 %
#45 - 0.35 mm		90 % mini	
#50 - 0.30 mm			75 % mini
#80 - 0.18 mm			90 % mini

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