

ecoblast® shares similar chemical and physical characteristics with Almandine garnet ... no wonder it performs like garnet!



Compare the following

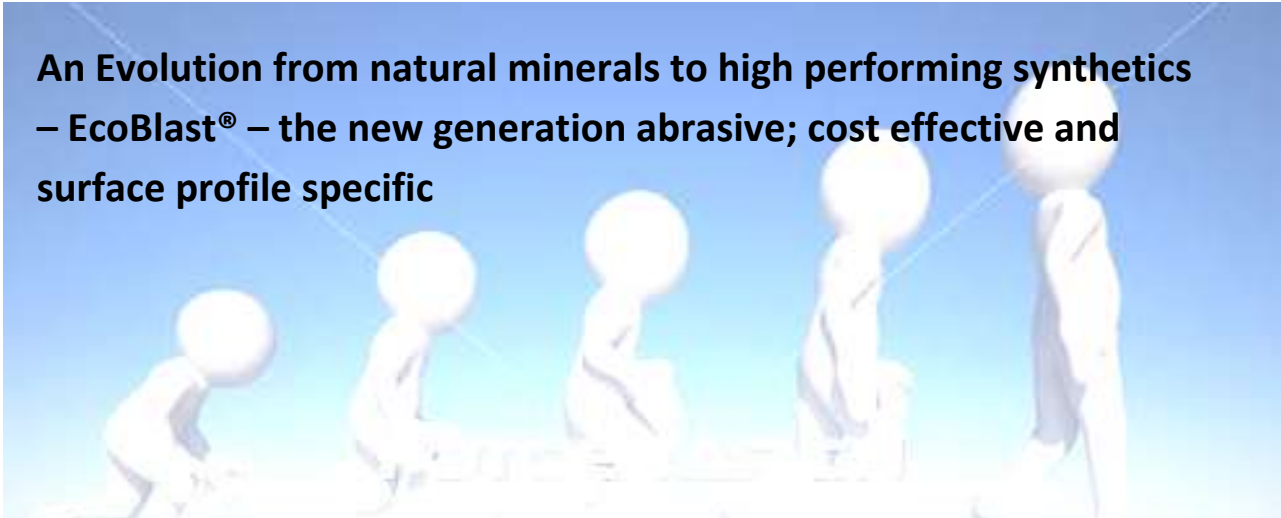
Element	Garnet (typical)	Ecoblast® (typical)
Chemical Characteristics		
Silica (as SiO ₂)	21%	33%
Alumina (as Al ₂ O ₃)	31%	31%
Iron (as Fe ₂ O ₃) or Chrome (as Cr ₂ O ₃)	35%	22%
Magnesium (as MgO)	10%	13%
Calcium (as CaO)	2%	2%
Physical Characteristics		
Hardness (MOH Scale)	7-8	7-8
Specific Gravity	4.1	3.6
Particle shape	Rounded/sub angular	Cubic/angular

Garnet and ecoblast® share some key similarities which improves their performance over commonly used mineral slags. Both garnet and ecoblast® exhibit:

- Low calcium oxide (CaO) – materials with higher levels of CaO are typically softer
- High Aluminium Oxide (Al₂O₃). Aluminium oxide is a world renowned abrasive material.
- Relatively low silicon dioxide (SiO₂) materials with higher levels of SiO₂ are typically softer.

And join the **ecoblast**[®] evolution ...

An Evolution from natural minerals to high performing synthetics
– **EcoBlast**[®] – the new generation abrasive; cost effective and surface profile specific



			
Silica Sand	Slag	Garnet	EcoBlast[®]
			

Relative quantities of abrasive required to clean the same area to the same cleanliness standard