

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



*Compare the following ....*

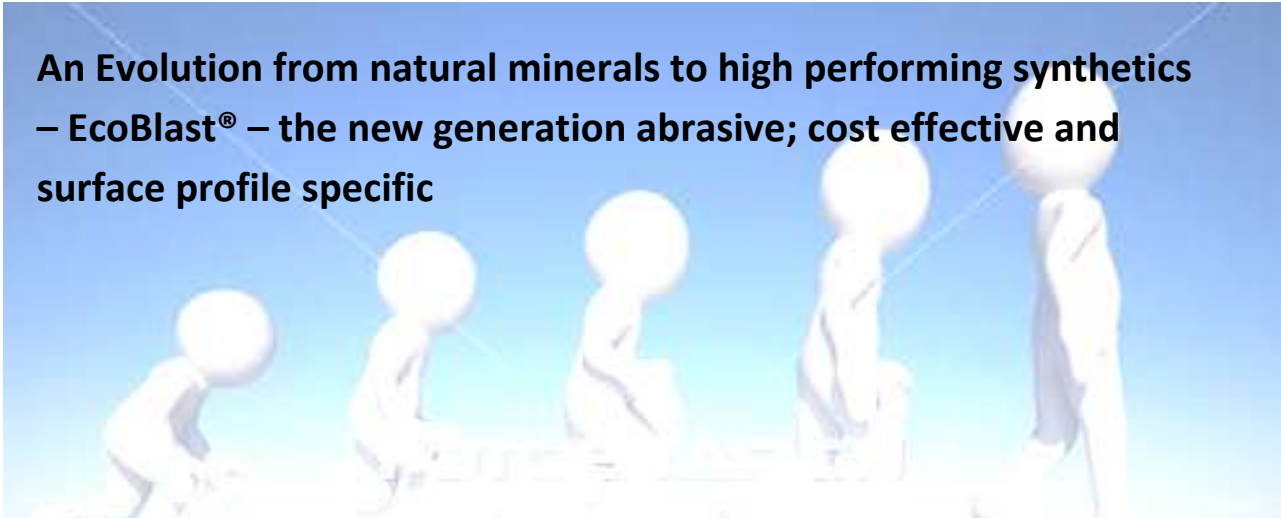
Element	Garnet (typical)	Ecoblast® (typical)
<b>Chemical Characteristics</b>		
Silica (as SiO <sub>2</sub> )	21%	22%
Alumina (as Al <sub>2</sub> O <sub>3</sub> )	31%	31%
Iron (as Fe <sub>2</sub> O <sub>3</sub> ) or Chrome (as Cr <sub>2</sub> O <sub>3</sub> )	35%	28%
Magnesium (as MgO)	10%	13%
Calcium (as CaO)	2%	2%
<b>Physical Characteristics</b>		
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 (Al<sub>2</sub>O<sub>3</sub>). Aluminium oxide is a world renowned abrasive material.
- Relatively low silicon dioxide (SiO<sub>2</sub>) materials with higher levels of SiO<sub>2</sub> are typically softer.

# And join the **ecoblast**<sup>®</sup> evolution ...

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



			
<b>Silica Sand</b>	<b>Slag</b>	<b>Garnet</b>	<b>EcoBlast<sup>®</sup></b>
			

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