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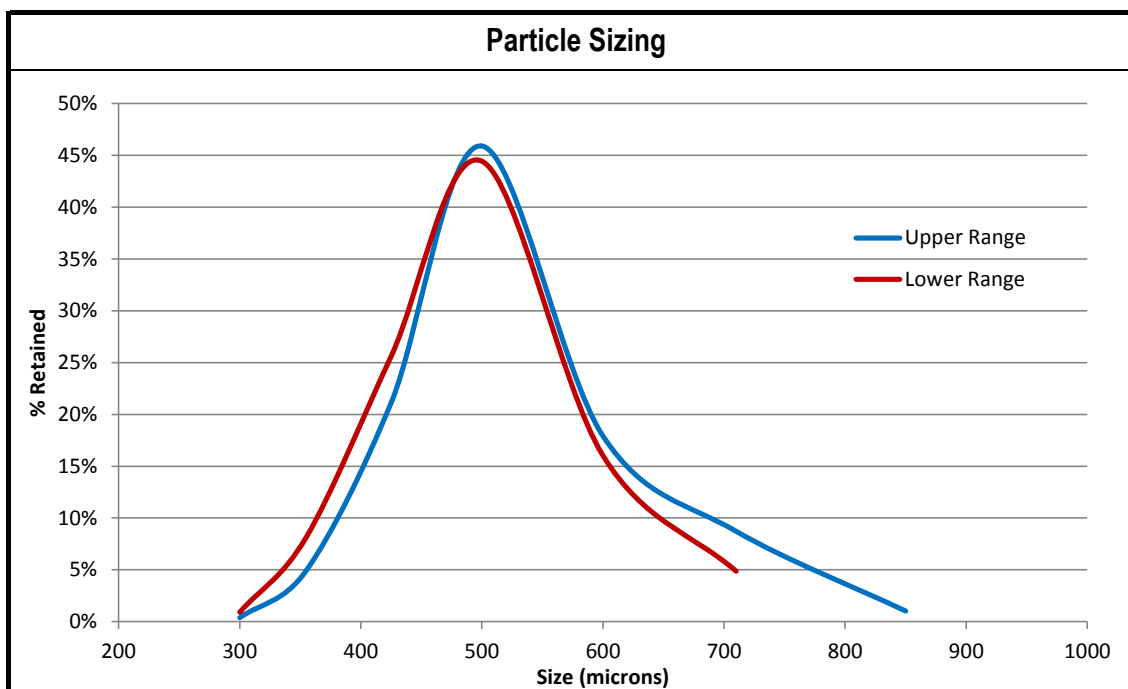
GARNET 20/40

- Blast Grade -

Chemical Analysis (Typical)					
Element	Presenting as	Conc.	Element	Presenting as	Conc.
Alumina	Al ₂ O ₃	21%	Zircon	ZrO ₂	0.012%
Iron	Fe ₂ O ₃	35%	Phosphorous	P ₂ O ₅	0.055%
Silica	SiO ₂	38%	Suplhur	SO ₃	0.02%
Magnesium	MgO	6.7%	Copper	Cu	0.004%
Calcium	CaO	1.6%	Uranium	U	1.5 ppm
Titanium	TiO ₂	0.12%	Thorium	Th	9.5 ppm
Lead	PbO	<0.001%	Chloride	Cl-	10-15 ppm
Manganese	MnO	0.95%			(max 25ppm)

Physical Properties (Typical)					
Specific Gravi		4.1	Susceptibility to Acid		None
Bulk Density	kg/m ³	2300	Moisture Absorbtion		Nil
Hardness	mohs	8	Magnetic Susceptibility	gauss	6000 (slight)
Fracture	Sub Conchoidal		Conductivity	μS/cm	95.9
Free Flow		90%			

Mineral Composition (Typical)			
Garnet (Almandine)	97-98%	Free Silica Content	<0.5%
Ilmenite	1-2%	Other	<1%
Zircon	<0.1%		



P.O. Box: 9274 - Dammam 31413 Kingdom of Saudi Arabia

Tel: 013 837 5114 Email: info@smartblastme.com

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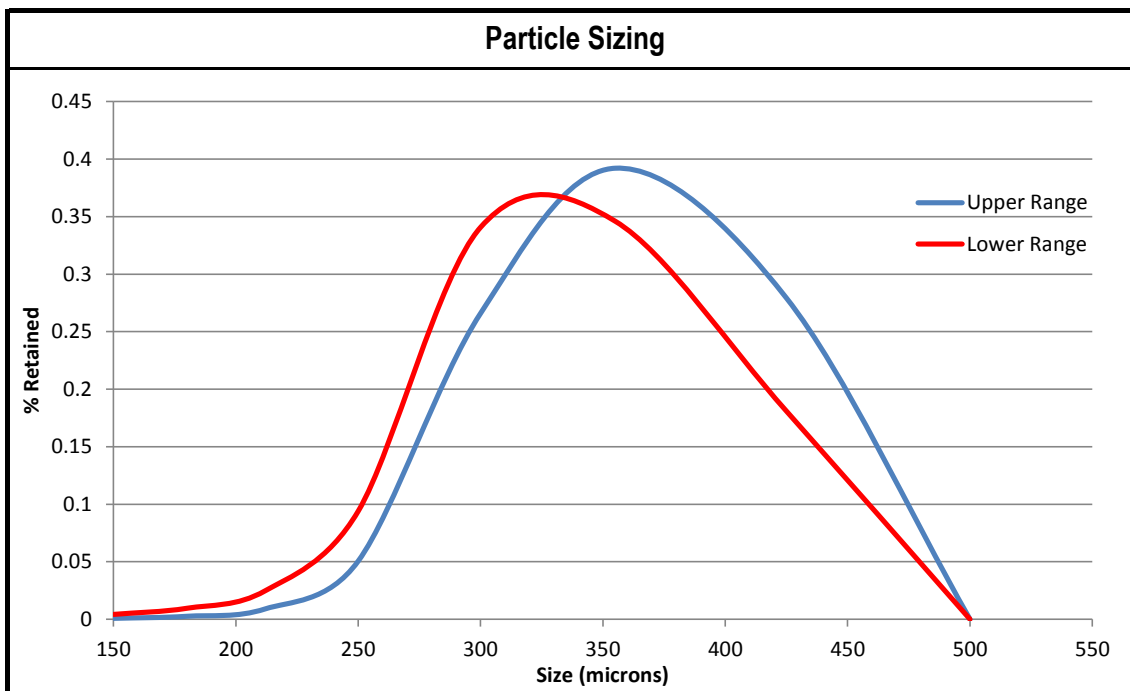
GARNET 30/60#

- Blast Grade -

Chemical Analysis (Typical)					
Element	Presenting as	Conc.	Element	Presenting as	Conc.
Alumina	Al ₂ O ₃	21%	Zircon	ZrO ₂	0.010%
Iron	Fe ₂ O ₃	35%	Phosphorous	P ₂ O ₅	0.052%
Silica	SiO ₂	38%	Suplhur	SO ₃	0.02%
Magnesium	MgO	6.6%	Copper	Cu	0.004%
Calcium	CaO	1.8%	Uranium	U	1.5 ppm
Titanium	TiO ₂	0.36%	Thorium	Th	8.5 ppm
Lead	PbO	<0.001%	Chloride	Cl-	10-15 ppm
Manganese	MnO	0.96%			(max 25ppm)

Physical Properties (Typical)					
Specific Gravi		4.1	Susceptibility to Acid		None
Bulk Density	kg/m ³	2300	Moisture Absorbtion		Nil
Hardness	mohs	8	Magnetic Susceptibility	gauss	6000 (slight)
Fracture	Sub Conchoidal		Conductivity	μS/cm	95.9
Free Flow		90%			

Mineral Composition (Typical)			
Garnet (Almandine)	97-98%	Free Silica Content	<0.5%
Ilmenite	1-2%	Other	<1%
Zircon	<0.1%		





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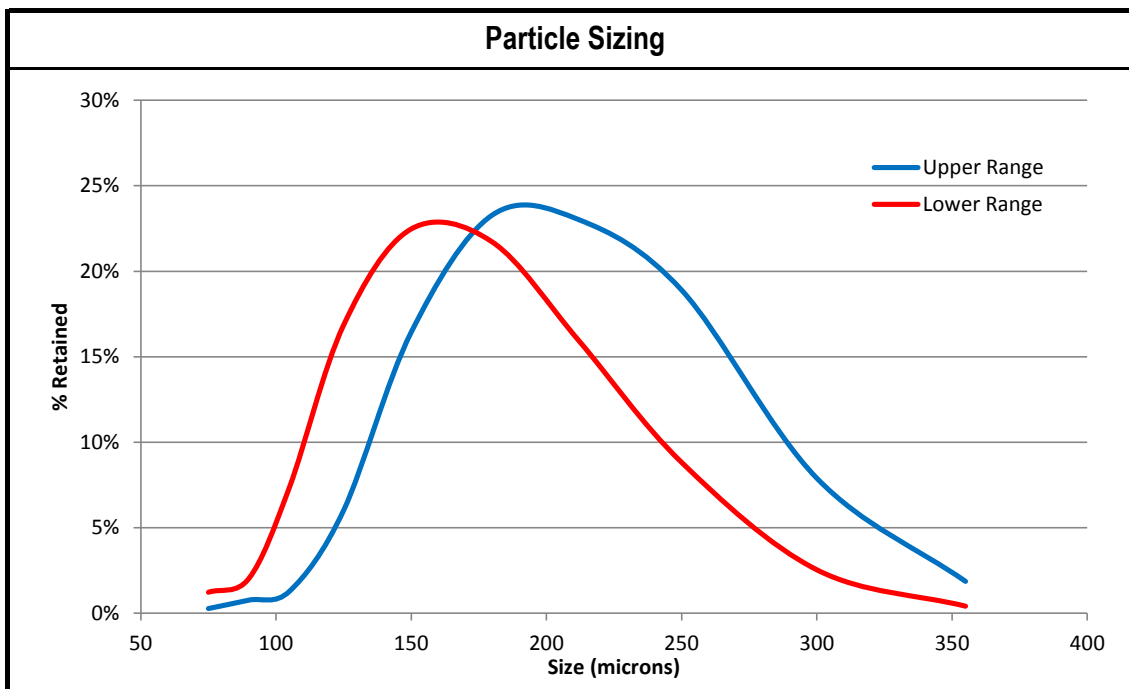
GARNET 80#

- Blast Grade -

Chemical Analysis (Typical)					
Element	Presenting as	Conc.	Element	Presenting as	Conc.
Alumina	Al ₂ O ₃	21%	Zircon	ZrO ₂	0.010%
Iron	Fe ₂ O ₃	35%	Phosphorous	P ₂ O ₅	0.045%
Silica	SiO ₂	37%	Suplhur	SO ₃	<0.01%
Magnesium	MgO	6.4%	Copper	Cu	0.005%
Calcium	CaO	2.0%	Uranium	U	1.0 ppm
Titanium	TiO ₂	1.41%	Thorium	Th	6.5 ppm
Lead	PbO	0.002%	Chloride	Cl-	10-15 ppm
Manganese	MnO	0.98%			(max 25ppm)

Physical Properties (Typical)					
Specific Gravi		4.1	Susceptibility to Acid		None
Bulk Density	kg/m ³	2300	Moisture Absorbtion		Nil
Hardness	mohs	8	Magnetic Susceptibility	gauss	6000 (slight)
Fracture	Sub Conchoidal		Conductivity	μS/cm	95.9
Free Flow		90%			

Mineral Composition (Typical)			
Garnet (Almandine)	97-98%	Free Silica Content	<0.5%
Ilmenite	1-2%	Other	<1%
Zircon	<0.1%		



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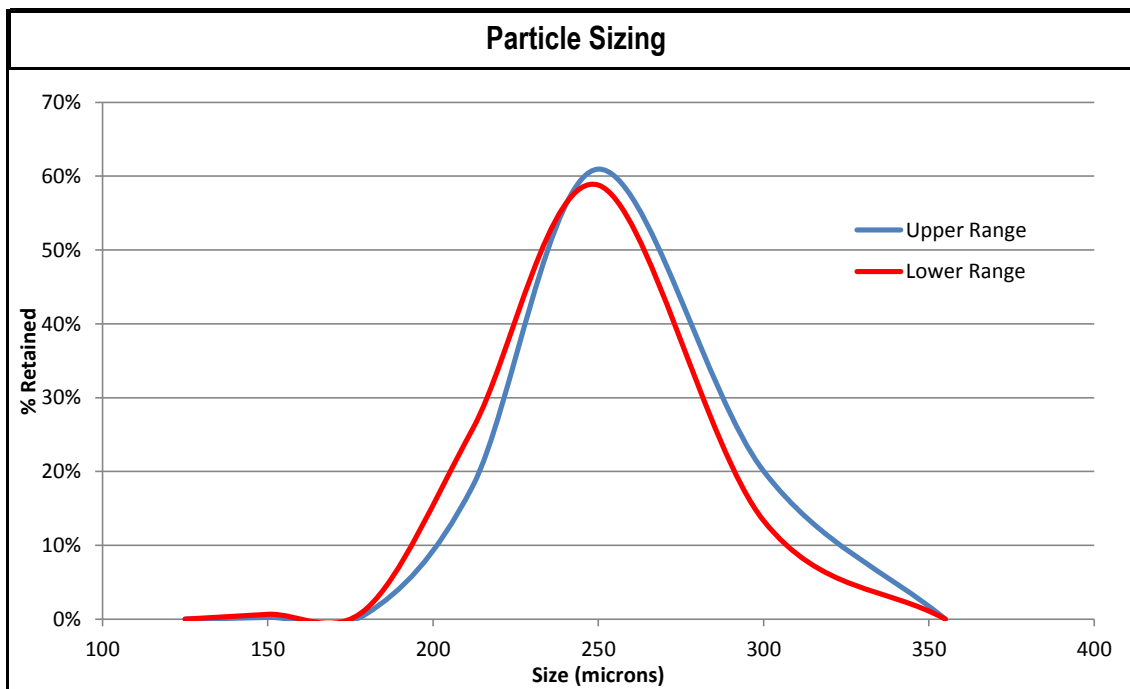
GARNET 80#

- Water Jet -

Chemical Analysis (Typical)					
Element	Presenting as	Conc.	Element	Presenting as	Conc.
Alumina	Al ₂ O ₃	21%	Zircon	ZrO ₂	0.010%
Iron	Fe ₂ O ₃	35%	Phosphorous	P ₂ O ₅	0.045%
Silica	SiO ₂	37%	Suplhur	SO ₃	<0.01%
Magnesium	MgO	6.4%	Copper	Cu	0.005%
Calcium	CaO	2.0%	Uranium	U	1.0 ppm
Titanium	TiO ₂	1.41%	Thorium	Th	6.5 ppm
Lead	PbO	0.002%	Chloride	Cl-	10-15 ppm
Manganese	MnO	0.98%			(max 25ppm)

Physical Properties (Typical)					
Specific Gravi		4.1	Susceptibility to Acid		None
Bulk Density	kg/m ³	2300	Moisture Absorbtion		Nil
Hardness	mohs	8	Magnetic Susceptibility	gauss	6000 (slight)
Fracture	Sub Conchoidal		Conductivity	μS/cm	95.9
Free Flow		90%			

Mineral Composition (Typical)			
Garnet (Almandine)	97-98%	Free Silica Content	<0.5%
Ilmenite	1-2%	Other	<1%
Zircon	<0.1%		



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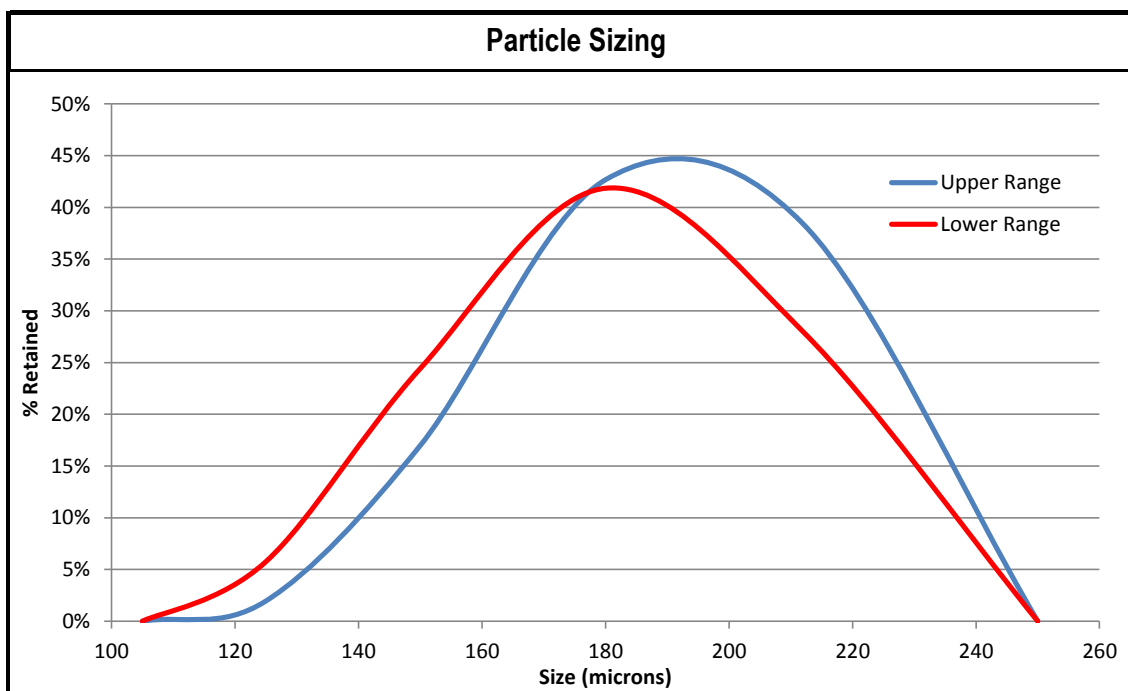
GARNET 120#

- Water Jet -

Chemical Analysis (Typical)					
Element	Presenting as	Conc.	Element	Presenting as	Conc.
Alumina	Al ₂ O ₃	20%	Zircon	ZrO ₂	0.010%
Iron	Fe ₂ O ₃	35%	Phosphorous	P ₂ O ₅	0.043%
Silica	SiO ₂	36%	Suplhur	SO ₃	<0.01%
Magnesium	MgO	6.2%	Copper	Cu	0.005%
Calcium	CaO	2.0%	Uranium	U	1.0 ppm
Titanium	TiO ₂	3.22%	Thorium	Th	8 ppm
Lead	PbO	0.002%	Chloride	Cl-	10-15 ppm
Manganese	MnO	1.02%			(max 25ppm)

Physical Properties (Typical)					
Specific Gravi		4.1	Susceptibility to Acid		None
Bulk Density	kg/m ³	2300	Moisture Absorbtion		Nil
Hardness	mohs	8	Magnetic Susceptibility	gauss	6000 (slight)
Fracture	Sub Conchoidal		Conductivity	μS/cm	95.9
Free Flow		90%			

Mineral Composition (Typical)			
Garnet (Almandine)	97-98%	Free Silica Content	<0.5%
Ilmenite	1-2%	Other	<1%
Zircon	<0.1%		



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