



Bosun Development Limited

Shanghai Bosun Abrasive Co., LTD

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Technical Data Sheet

Item: red garnet		Size: 30/60 mesh			Origin: China																				
Mineral Content																									
Mineral Name	Garnet	Ilmenite	Omphacite	Rutile	Quartz	Others																			
(%)	90-96	1.0	1.5	0.6	0.1 max	4.5 max																			
Chemical Composition																									
Content	Silica SiO ₂	Iron(Fe ₂ O ₃ +FeO)	Alumina Al ₂ O ₃	Magnesium MgO	Calcium CaO	Manganese MnO																			
(%)	39-40	23-27	19-21	5-6	1.0-10.0	0-1.0																			
Physical Characteristics																									
Parameter	Density (g/cm ³)	Mohs Hardness	Color	Conductivity	Acid solubility%	Toxicant	Grain Shape																		
Data	3.8-4.1	7.5-8.0	Dark Red	<25 ms/m	1.0 max	None	sub angular																		
Typical Particle Distribution				Particle Distribution Curve																					
Size (mm)	Mesh	Weight ratio(%)		<table border="1" style="display: none;"> <caption>Particle Distribution Curve Data</caption> <thead> <tr> <th>Size (mm)</th> <th>Weight ratio (%)</th> </tr> </thead> <tbody> <tr><td>0.7</td><td>0</td></tr> <tr><td>0.6</td><td>8</td></tr> <tr><td>0.5</td><td>20</td></tr> <tr><td>0.425</td><td>40</td></tr> <tr><td>0.3</td><td>30</td></tr> <tr><td>0.25</td><td>2</td></tr> <tr><td>-</td><td>0</td></tr> <tr><td>Total</td><td>100</td></tr> </tbody> </table>				Size (mm)	Weight ratio (%)	0.7	0	0.6	8	0.5	20	0.425	40	0.3	30	0.25	2	-	0	Total	100
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Total		100																							
Remarks	1. This product is pure natural mining abrasive. Its partical distribution and chemical composition vary slight within a certain range, but the performance is stable, without toxicant or corrosion.																								
	2. Test report matches with samples, which are kept for one month for tracking.																								
Inspection result: Ming Shao		Laboratory Technician: Wang Dong			Auditor: Zhao Yue																				
<p style="text-align: center;">For and on behalf of BOSUN DEVELOPMENT LIMITED 寶 晟 發 展 有 限 公 司</p> <p>Stamp & Signature: <i>shirley chen</i> authorized Signature(s)</p>																									