



Bosun Development Limited

Shanghai Bosun Abrasive Co., LTD

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Technical Data Sheet

Item: red garnet		Size: 20/40 mesh		Origin: China			
Mineral Content							
Mineral Name	Garnet	Ilmenite	Omphacite	Rutile	Quartz	Others	
(%)	90-94	1.0	2.0	0.5	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(%)					
0.7	25	0					
0.6	30	17					
0.5	35	62					
0.425	40	14					
-	Rest	6					
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>							