

Grain Size Distribution and Chemical Component Of Boron Carbide								
Grain Size	Basic Grain(μm)	Chemical Component						
		Total B	Total C	Content B ₄ C				
60 [#]	250	> 76	> 20	> 96				
70 [#]	212							
80 [#]	180							
90 [#]	150							
100 [#]	150							
120 [#]	106							
150 [#]	90-75							
180 [#]	75-63	> 75			> 95			
220 [#]	63-53							
240 [#]	63-53							
W63	63-50							
W50	50-40							
W40	40-28							
W28	28-20							
W20	20-14	> 74				> 95		
W14	14-10							
W10	10-7							
W7	7-5	> 72					> 94	
W5	5-3.5							
W3.5	3.5-2.5							
W2.5	2.5-0							
60 [#] -150 [#]	250-75	> 74						> 95
46 [#] -120 [#]	350-63							
70 [#] -220 [#]	212-53							
-100mesh	<150							
-140mesh	<100							
-200mesh	<75							
-325mesh	<44							
-25μm	<25							
-10μm	<10							