



P.K.G. Exports Pvt. Ltd.



PRODUCT CODE :: PKG/RO/40

FERRO ALLOYS



HIGH CARBON FERRO CHROME

SPECIFICATION	::	CR-64% MIN	C-8%MAX
		SI-3% MAX	S-0.035 %MAX
		P-0.025% MAX	
SIZE	::	+10/-150 MM (90% MIN) OR ANY OTHER SIZE AS MAY BE DESIRED BY INDIVIDUAL CUSTOMERS.	
PACKING	::	IN BULK OR DOUBLE GUNNY BAGS OF APPROX 50 KG EACH OR STEEL DRUMS OF APPROX 700 KG EACH (CUSTOMERS OPTION)	

CHARGE CHROME

SPECIFICATION	::	CR-60%MIN	C-8%MAX
		SI-3%MAX	S-0.025% MAX
		P-0.025% MAX	
SIZE & PACKING	::	SAME AS FERRO CHROME.	



FERRO MANGANESE

SPECIFICATION	::	a)	Mn- 73% MIN Si- 1.2% MAX P- 0.25% MAX	C-8% MAX S- 0.05% MAX
		b)	Mn- 75 - 80% Si- 1.5% P- 0.4% MAX	C-6-8% MAX S- 0.02% MAX
SIZE REQUIREMENT	::		+25/-100 MM (90% MIN) OR AS PER CUSTOMERS	
PACKING	::		BULK/50 KGS DOUBLE GUNNY PACKING/ 700 KG STEEL DRUMS	

CALCIUM SLICIDE

SPECIFICATION ::
GRADE

ELEMENTS

	Ca	Si	C	Fe	S	P
Ca 30 Si	30-35%	55-60%	1.0 % MAX	3%	0.07%	0.02%
Ca 25 Si	25-30%	55-60%	1.0 % MAX	3%	0.07%	0.02%

SILICON

SPECIFICATION ::

GRADE

ELEMENTS

	Si	Fe	Ca	C
SIM 98.5	98.5%	0.5% MAX	0.3%MAX	0.04%
SIM 98	98%	0.5-0.8%	0.3%MAX	0.04%
SIM 97	97%	1.5-2.0%	0.3%MAX	0.04%
SIM 96	96%	3.0-3.5%	0.3-0.5%	0.04%

SILICON WITH LOWER LEVELS OF IRON AND CALCIUM CONTENTS CAN ALSO BE SUPPLIED.



SILICO MANGANESE

SPECIFICATION ::

GRADE		ELEMENTS		
	Si	C	Ph	S
60-65%	15-18%	2%	0.3% MAX	0.02% MAX
65-70%	16-20%	2%	0.3% MAX	0.02% MAX

FERRO SILICON

SPECIFICATION ::

GRADE		ELEMENTS		
	Si	Al Max	C Max	
HFS 85-90	85-90%	1%	0.10%	
HFS 80-85	80-85%	1%	0.10%	
HFS 75-80	75-80%	1.5%	0.15%	
HFS 70-75	70-75%	1.5%	0.15%	
HFS 60-70	60-70%	1.5%	0.15%	
HFS 50-60	50-60%	1.5%	0.15%	
HFS 45-50	45-50%	1.5%	0.15%	
HFS 70-75				
Low Al 1	70-75%	1.0%	0.15%	
HFS 70-75				
Low Al 07	70-75%	0.7%	0.15%	
HFS 70-75				
Low Al 04	70-75%	0.4%	0.15%	
HFS 70-75				
Low Al 01	70-75%	0.1%	0.15%	



EXTRA LOW ALUMINIUM FERRO SILICON

SPECIFICATION ::

Fe.Si with Al. Content	Item No.	Silicon	Carbon Max	Sulphur Max	Phos. Max	Calcium Max.
(A) 1.25% Max	1	75-80%	0.15%	0.05%	0.05%	0.4%
	2	70-75%	-do-	-do-	-do-	-do-
	3	60-70%	-do-	-do-	-do-	-do-
	4	50-60%	-do-	-do-	-do-	-do-
	5	45-50%	-do-	-do-	-do-	-do-
	6	40-45%	-do-	-do-	-do-	-do-
(B) 0.1 % MAX	1	75-80%	0.05%	0.04%	0.04%	0.1%
	2	70-75%	-do-	-do-	-do-	-do-
(C) 0.4% MAX	1	75-80%	0.08%	0.04%	0.04%	0.1%
	2	70-75%	-do-	-do-	-do-	-do-



FERRO CHROMIUM

SPECIFICATION ::

GRADE	ELEMENTS				
	Cr	C	Si Max	S Max	P Max
HIGH CARBON FERROCHROMIUM					
7FeCr65	60-70% 60-70%	6-8% 6-8%	1.5-4% 4-6%	0.04-0.05% 0.04-0.05%	0.03%- 0.05% 0.03%- 0.05%
5FeCr65	60-70% 60-70%	4-6% 4-6%	1.5-4% 4-6%	0.04-0.05% 0.04-0.05%	0.03%- 0.05% 0.03%- 0.05%
7FeCr58	55-60%	6-8%	4-6%	0.04-0.05%	0.03%- 0.05%
5FeCr58	55-60%	4-6%	4-6%	0.04-0.05%	0.03%- 0.05%

MEDIUM CARBON FERROCHROMIUM

3FeCr55	60% Max	2-4%	1.5%	0.04-0.05%	0.03%- 0.05%
3FeCr64	60-67%	2-4%	1.5%	0.04-0.05%	0.03%- 0.05%
3FeCr71	67-75%	2-4%	1.5%	0.04-0.05%	0.03%- 0.05%