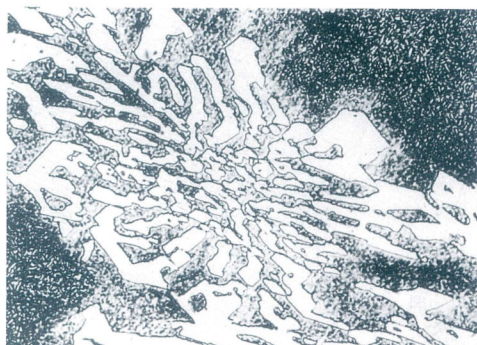


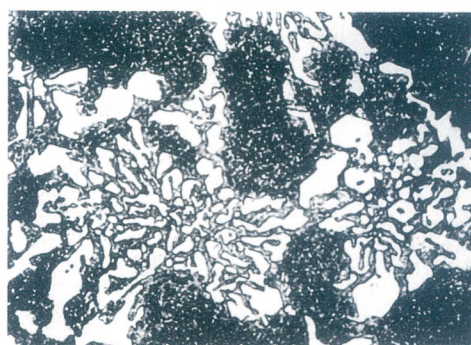
## 2. HiCr Iron Rolls

### Chemistry and Surface Hardness

Classification	Chemistry								Barrel Hardness(HSD)
	C	Si	Mn	P	S	Cr	Ni	Mo	
HiCr centrifugal composite I	2.30-3.30	0.30-1.00	0.50-1.20	≤0.10	≤0.05	12.0-15.0	0.70-1.70	0.70-1.50	60-75
HiCr centrifugal composite II	2.30-3.30	0.30-1.00	0.50-1.20	≤0.10	≤0.05	15.01-18	0.70-1.70	0.70-1.50	65-80
HiCr centrifugal composite III	2.30-3.30	0.30-1.00	0.50-1.20	≤0.10	≤0.05	18.01-22	0.70-1.70	1.51-3.00	75-90



Microstructure



Microstructure

### Mechanical Property

Neck Hardness(HSD)	32-45
Tensile Strength(N/mm <sup>2</sup> )	≥ 350



HiCr Iron Rolls



HiCr Iron Rolls