

HB Bead Grade

2015 - V1

1. Black Grade

HB Grade (Expansion Times)	Color	Weight (mg)	Bulk Density (g/l)	Molded Density (pcf)	Shipping	Bag Weight (lb)	
HBT HBR	8	Black	1.65 or 1.85	102	7.0	Bag	300
	11	Black	1.65 or 1.85	70	5.1	Bag	250
	12	Black	1.65 or 1.85	65	4.7	Bag	250
HBS HBR	15	Black	1.2 or 1.85	50	3.8	Bag/Bulk	180
	18	Black	1.2 or 1.85	43	3.1	Bag/Bulk	150
	20	Black	1.2 or 1.85	39	2.8	Bag/Bulk	150
	24	Black	1.2 or 1.85	33	2.3	Bag/Bulk	130
	28	Black	1.2 or 1.85	28	2.0	Bag/Bulk	130
	30	Black	1.2 or 1.85	26.5	1.9	Bag/Bulk	110
HBS	28X	Black	1.2	28	2.0	Bag/Bulk	130
	30X	Black	1.2	26.5	1.9	Bag/Bulk	110
	35X	Black	1.2	24	1.6	Bag/Bulk	100
	38X	Black	1.2	21.5	1.5	Bag/Bulk	80
	40X	Black	1.2	20	1.4	Bag/Bulk	75
	42X	Black	1.2	19.5	1.3	Bag/Bulk	75
	45X	Black	1.2	17	1.3	Bag/Bulk	65
	50X	Black	1.2	15	1.1	Bag/Bulk	60
	52X	Black	1.2	14.7	1.1	Bag/Bulk	55

2. White Grade

HB Grade (Expansion Times)	Color	Weight (mg)	Bulk Density (g/l)	Molded Density (pcf)	Shipping	Bag Weight (lb)	
HBS	15	White	1.2	50	3.8	Bag/Bulk	180
	20	White	1.2	39	2.8	Bag/Bulk	150
	30	White	1.2	26.5	1.9	Bag/Bulk	110
	45X	White	1.2	17	1.3	Bag/Bulk	65

* X means it is 2nd expanded grade.

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3. Color Grade

HB Grade (Expansion Times)	Color	Weight (mg)	Bulk Density (g/l)	Molded Density (pcf)	Shipping	Bag Weight (lb)	
HBR	13.5	Blue	1.65	56	4.2	Bag/Bulk	210
	30	Blue	1.65	26.5	1.9	Bag/Bulk	110
	13.5	Red	1.65	56	4.2	Bag/Bulk	210
	30	Gray	1.65	26.5	1.9	Bag/Bulk	110
	45X	Blue	1.65	17	1.3	Bag/Bulk	65

4. EPE Grade

HB Grade (Expansion Times)	Color	Weight (mg)	Bulk Density (g/l)	Molded Density (pcf)	Shipping	Bag Weight (lb)	
HBR	15	Black & White	1.65	50	3.8	Bag/Bulk	180
	20	Black & White	1.65	39	2.8	Bag/Bulk	150
	30X	Black & White	1.65	26.5	1.9	Bag/Bulk	110
	38X	Black & White	1.65	21.5	1.5	Bag/Bulk	80
	45X	Black & White	1.65	17	1.3	Bag/Bulk	65

5. Specific Grade

HB Grade (Expansion Times)	Color	Weight (mg)	Bulk Density (g/l)	Molded Density (pcf)	Specific Function	
HBV	20	Black & White	0.8	39	2.8	Visor Bead
HB-AV	13.5	Pink, Yellow etc	1.2 or 1.65	56	4.2	Anti Static
HB-SC	13.5	Black	1.2 or 1.65	56	4.2	Semi-Conductive
	30X	Black	1.2 or 1.65	26.5	1.9	Semi-Conductive

* Surface Resistance of Anti Static : e9 ~ e12 Ω/sq

* Surface Resistance of Semi Conductive : e5 ~ e9 Ω/sq

※ If you need any specific grade, please contact us.

