

XRD

Graphite

XRD High-purity Fine Grain Molded Graphite

Technical Data Sheet

Forming: Molded

Application: Bearing, Lubrication, EDM, General Purpose, etc.

Typical Properties at Room Temperature

Grade	Bulk Density	Electrical Resistivity	Hardness	Flexural Strength	Compressive Strength	Porosity	Ash Content	Ash Content (Purified)	Average Grain Size
	g/cm ³	μΩm	HSD	Mpa	Mpa	Vol. %	PPM	PPM	μm
xrd-20b	1.45–1.53	11–15	32	16	28	23	1000	50	15
xrd-30b	1.68	11–14	38	25	48	20	1000	50	15
xrd-40b	1.80	7–12	42	38	72	17	900	50	15
xrd-50b	1.84	7–12	50	45	86	13	900	50	15
xrd-20h	1.55	11–15	30	16	28	23	1000	50	15
xrd-4w	1.75	8–11	42	38	65	17	500	50	13–15
xrd-5w	1.85	8–10	48	46	85	13	500	50	13–15
xrd-10w	1.76	12–14	56	41	85	16	500	50	12
xrd-5r	1.68	13	51	38	86	18	500	50	13–15
xrd-40d	1.68	12–16	50	40	82	18	1000	50	10–12
xrd-50d	1.78	12–16	55	45	88	13	900	50	10–12

Notes: This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should therefore not be construed as guaranteeing specific properties of the products described or their suitability for a particular application. The data listed falls within the normal range of product properties but should not be used to establish specification limits or used alone as the basis of design. XRD Graphite's liability to purchasers is expressly limited to the terms and conditions of sale.



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