

TYPICAL PROPERTIES

VESPEL® ASB LINE



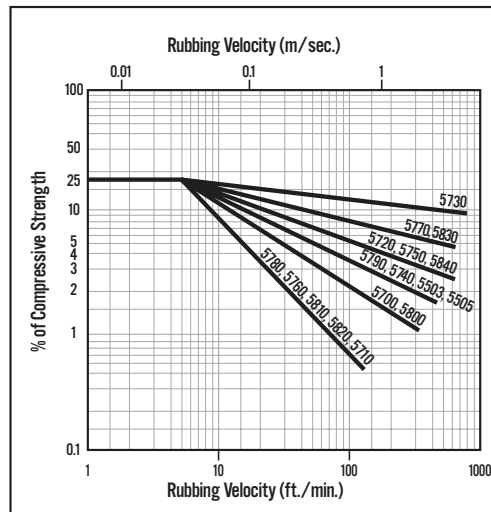
TYPICAL PROPERTIES OF GRAPHITE GRADES									
GRADE	THERMAL				MECHANICAL				
	TEMPERATURE LIMIT				THERMAL CONDUCTIVITY		ULTIMATE COMPRESSIVE STRENGTH		HARDNESS
	OXIDIZING ATMOSPHERE		NEUTRAL ATMOSPHERE		BTU/hr./ft.°F W/m K		ksi MPa		Shore Scheleroscope C
	°F	°C	°F	°C					
5503	1000	540	1500	815	32	57	23.0	155	90
5700	1000	540	1900	1040	45	80	30.0	205	90
5720	1000	540	1500	815	35	61	22.5	155	75
5730	1250	680	1500	815	15	25	17.0	120	70
5740	1250	680	1350	730	45	80	33.0	230	90
5750	1200	650	1500	815	40	70	8.5	60	75

ASB CG METALLIC-SUPPORTED COMPOSITES

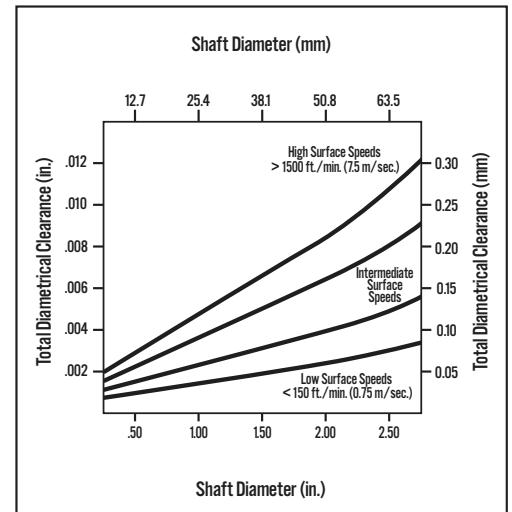
GRAPHITE SERIES

The graphite series of DuPont™ Vespel® ASB parts offer the highest thermal oxidative resistance of all of the Vespel® parts and shapes product line. By coupling the high temperature, self-lubricating properties of mechanical graphite with the appropriate selection of metal housings, DuPont can design a durable assembly that is easy to install and matches the CTE of the mating components. The variety of available grades allows DuPont to select the most appropriate metal and graphite based upon the application temperatures, chemical environments, load requirements and other operating conditions.

RECOMMENDED MAXIMUM DYNAMIC LOADS



RECOMMENDED SHAFT CLEARANCE FOR DRY RUNNING



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Caution: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, see "DuPont Medical Caution Statement."