

TYPICAL PROPERTIES

VESPEL[®] ASB LINE



CARBON GRAPHITE SERIES

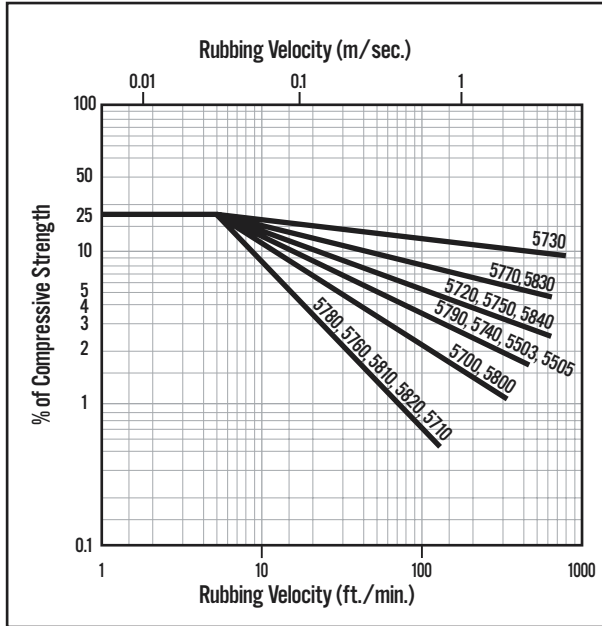
The carbon graphite series of DuPont™ Vespel[®] ASB parts offers good wear life under relatively high compressive load and temperatures. Coupling the self-lubricity and compressive strength of mechanical carbon graphites with the appropriate selection of metal housings enables DuPont to design a durable assembly that is easy to install and that matches the CTE of the mating components. The variety of available grades allows DuPont to offer the most appropriate material based upon the application temperatures, desired environment, load requirements and other operating conditions.

TYPICAL PROPERTIES OF CARBON GRAPHITE GRADES

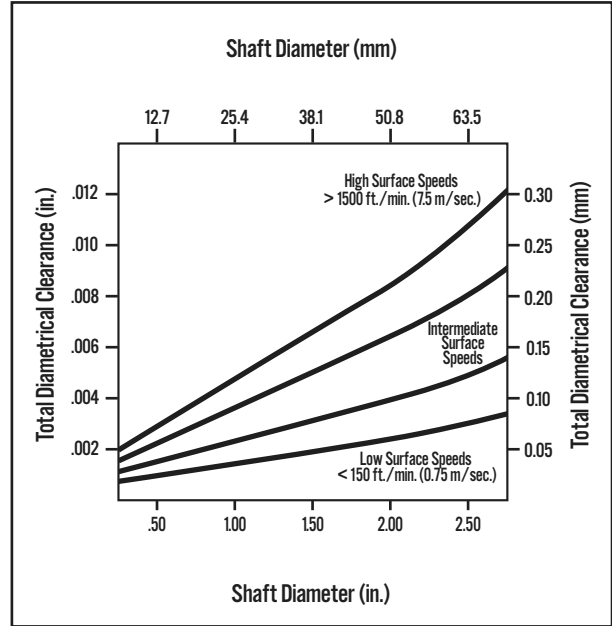
GRADE	THERMAL				MECHANICAL				
	TEMPERATURE LIMIT				THERMAL CONDUCTIVITY		ULTIMATE COMPRESSIVE STRENGTH		HARDNESS
	OXIDIZING ATMOSPHERE		NEUTRAL ATMOSPHERE						
	°F	°C	°F	°C	BTU/hr./ft./°F	W/m K	ksi	MPa	Shore Scheleroscope C
5505	700	370	2000	1095	8	14	33.0	225	85
5710	500	260	500	260	5	9	34.0	235	95
5760	850	450	1500	815	8	15	45.0	310	95
5770	550	290	550	290	5	9	35.0	240	90
5780	600	315	1200	650	5	9	31.0	215	95
5800	450	230	500	260	7	12	28.0	195	70
5810	600	315	1500	815	5	9	30.0	205	85
5820	600	315	1500	815	4	7	25.0	170	85
5830	600	315	1500	815	5	9	40.0	275	85
5840	550	290	550	290	7	12	27.0	185	65

ASB CG METALLIC-SUPPORTED COMPOSITES

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."