

TYPICAL PROPERTIES SOLID SILICONE MATERIALS

Material Description	HT-6360	HT-6200 6135 6240	HT-1200 1240 1260	HT-1500
Colour	Black	6135 off white 6240 transparent	Red / White / Black	Red
Structure	Cast Silicone	Cast Silicone	Calendered Silicone Sheet	Glassfibre Reinforced Calendered Silicone Sheet
Thickness (mm)	0.5 to 3.2	0.3 to 3.2	0.5 to 6.4	1.6 & 3.2
Width (mm)	to 915		to 1000	to 915
Mechanical Properties Durometer (Shore A)	65	35 40	40 60	75
Tensile Strength (Mpa) ASTM D 412	2.0	5.5	5.7 7.2	5.3
Compression Set (%) 70 hrs @150°C ASTM D 395B	35	-15 30	20	25
Temperature Range (°C)	-62 to 218			
Specifications	UL94 VO FAR 25.856(a) New		A-A 59588 AMS 3303	AMS 3320

New Metals & Chemicals Ltd.
Newmet House, Rue De St Lawrence, Waltham Abbey, Essex, EN9 1PF, UK