

Tricast Material Specifications

Properties	Test Method	Tricast 2	Tricast 2T	Tricast 3	Tricast 4	Tricast 5	Tricast 6
Density	ISO 845	32 kg/m3	35 kg/m3	48 kg/m3	64 kg/m3	80 kg/m3	96 kg/m3
Thermal Conductivity	EN 12667	0.030 W/mK	0.021 W/mK	0.030 W/mK	0.030 W/mK	0.030 W/mK	0.032 W/mK
Upper Temperature Limit		70°C	120°C	70°C	70°C	90°C	100°C
Closed Cell Content	BS 4370	95 %	90 %	90 %	95 %	95 %	95 %
Compressive Strength	ISO 844	170 kPa	>200 kPa	350 kPa	540 kPa	720 kPa	1050 kPa
Compressive Modulus	ISO 844	3900 kPa	>4500 kPa	10600 kPa	23600 kPa	29000 kPa	36000 kPa
Tensile Strength	ISO 1926	230 kPa	>175 kPa	450 kPa	555 kPa	860 kPa	1060 kPa
Tensile Modulus	ISO 1926	3250 kPa	>4500 kPa	6250 kPa	8900 kPa	14450 kPa	19000 kPa
Shear Strength	ISO 1922	220 kPa	160 kPa	375 kPa	380 kPa	450 kPa	530 kPa
Shear Modulus	ISO 1922	1150 kPa	2000 kPa	>2500 kPa	3450 kPa	6000 kPa	6300 kPa
Cross Break Strength	BS 4370	245 kPa	270 kPa	540 kPa	744 kPa	1000 kPa	1600 kPa