

CELANEX® JKX-1283 - PBT

Experimental Grade. Please contact your Celanese representative for further information.

Physical properties	Value	Unit	Test Standard
Density	1270	kg/m ³	ISO 1183
Mechanical properties	Value	Unit	Test Standard
Tensile modulus	4700	MPa	ISO 527-2/1A
Tensile stress at yield, 50mm/min	82	MPa	ISO 527-2/1A
Tensile strain at yield, 50mm/min	3.94	%	ISO 527-2/1A
Tensile stress at break, 5mm/min	80	MPa	ISO 527-2/1A
Tensile strain at break, 5mm/min	4.25	%	ISO 527-2/1A
Flexural modulus, 23°C	4600	MPa	ISO 178
Flexural strength, 23°C	117	MPa	ISO 178
Charpy impact strength, 23°C	54	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	9.9	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	9.1	kJ/m ²	ISO 179/1eA