

CELANEX® JKX-1275 - PBT

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

Physical properties	Value	Unit	Test Standard
Melt flow rate, MFR	7.6	g/10min	ISO 1133
MFR temperature	250	°C	ISO 1133
MFR load	2160	kg	ISO 1133

Mechanical properties	Value	Unit	Test Standard
Tensile modulus	9399	MPa	ISO 527-2/1A
Tensile stress at break, 5mm/min	135	MPa	ISO 527-2/1A
Tensile strain at break, 50mm/min	3.1	%	ISO 527-2/1A
Flexural modulus, 23°C	9120	MPa	ISO 178
Flexural strength, 23°C	212	MPa	ISO 178
Charpy impact strength, 23°C	64	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	8.8	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
DTUL at 1.8 MPa	206	°C	ISO 75-1, -2

Characteristics
Regional Availability

North America