

CELANEX® JKX-1125 - PBT

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

Description

20% glass reinforced polybutylene terephthalate (PBT) with improved warp resistance and processability.

Physical properties	Value	Unit	Test Standard
Density	1370	kg/m ³	ISO 1183
Melt flow rate, MFR	18	g/10min	ISO 1133
Molding shrinkage, parallel	0.5 - 0.9	%	ISO 294-4, 2577
Molding shrinkage, normal	1.0 - 1.4	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
Tensile modulus	7500	MPa	ISO 527-2/1A
Tensile stress at break, 5mm/min	100	MPa	ISO 527-2/1A
Tensile strain at break, 5mm/min	1.9	%	ISO 527-2/1A
Izod impact notched, 23 °C	9	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
DTUL at 1.8 MPa	180	°C	ISO 75-1, -2
DTUL at 0.45 MPa	215	°C	ISO 75-1, -2

Characteristics

Product Categories

Glass reinforced