

# CELANEX® LX2002-2

unfilled medium flow; lubricated PBT grade in metallic color

Celanex LX2002-2 is a general purpose, unreinforced polybutylene terephthalate with a good balance of mechanical properties and processability. Celanex LX2002-2 is a medium flow material that contains an internal lubricant.

## Product information

Part Marking Code PBT ISO 11469

## Rheological properties

Melt mass-flow rate 14 g/10min ISO 1133  
 Melt mass-flow rate, Temperature 250 °C  
 Melt mass-flow rate, Load 2.16 kg

## Typical mechanical properties

Tensile Modulus 3100 MPa ISO 527-1/-2  
 Yield stress, 50mm/min 55 MPa ISO 527-1/-2  
 Yield strain, 50mm/min 4 % ISO 527-1/-2  
 Strain at break, 50mm/min 12 % ISO 527-1/-2  
 Charpy notched impact strength, 23°C 3.1 kJ/m<sup>2</sup> ISO 179/1eA  
 Izod notched impact strength, 23°C 3.8 kJ/m<sup>2</sup> ISO 180/1A

## Thermal properties

Melting temperature, 10°C/min 225 °C ISO 11357-1/-3

## Other Approvals

Other Approvals

OEM	Specification
Hyundai	MS216-03, Type E