

PIBITER N80 LE NEGRO 900 - PBT

Physical properties	Value	Unit	Test Standard
Density	1310	kg/m ³	ISO 1183
Melt flow rate, MFR	65	g/10min	ISO 1133
MFR temperature	250	°C	ISO 1133
MFR load	2.16	kg	ISO 1133
Mechanical properties	Value	Unit	Test Standard
Tensile modulus	2500	MPa	ISO 527-2/1A
Tensile stress at yield, 50mm/min	53	MPa	ISO 527-2/1A
Tensile stress at break, 50mm/min	45	MPa	ISO 527-2/1A
Tensile strain at break, 50mm/min	20	%	ISO 527-2/1A
Tensile strain at break, 5mm/min	2.7	%	ISO 527-2/1A
Flexural modulus, 23°C	2500	MPa	ISO 178
Izod impact notched, 23°C	4	kJ/m ²	ISO 180/1A
Thermal properties	Value	Unit	Test Standard
DTUL at 1.8 MPa	60	°C	ISO 75-1, -2
DTUL at 0.45 MPa	150	°C	ISO 75-1, -2