

QUALITY DEPARTMENT

ISO 9001:2015

ISO 14001:2015

BS OHSAS 18001:2007

Q04.05.PPL23 Declaration of Conformity

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ENGINEERING PLASTIC PRODUCTS
 PPC SHEETS

Polyplate PPC

Based on material PPC Braskem INSPIRE 114 EU

PROPERTY	TEST METHOD	UNIT	VALUE
MELT FLOW RATE (230°C/2,16 kg)	ISO 1133-1	g/10 min	0.50
FLEXURAL MODULUS	ISO 178	MPa	1600
MODULUS OF ELASTICITY IN TENSION	ISO 527-1,2	MPa	1550
TENESILE STRENGTH AT YIELD	ISO 527-1,2	MPa	31
TENESILE STRAIN AT YIELD	ISO 527-1,2	%	9
CHARPY IMPACT STRENGHT 23 °C	ISO 180/A	kJ/m ²	68.0
CHARPY IMPACT STRENGHT -20 °C	ISO 180/A	kJ/m ²	8.0
HDT (0.45 MPa)	ISO 75-1,2	°C	105
ROCKWELL HARDNESS	ISO 2039/2	R scale	76
VICAT SOFTENING TEMPERATURE	ISO 306A	°C	150

The information in this data sheet represents typical values and should not be used as a specification.