

Polyplate PPC

Based on material PPC Tipplen K 880

PROPERTY	TEST METHOD	UNIT	VALUE
MELT FLOW RATE (230°C/2,16 kg)	ISO 1133-1	g/10 min	0.35
FLEXURAL MODULUS	ISO 178	MPa	1500
MODULUS OF ELASTICITY IN TENSION	ISO 527-1,2	MPa	1300
TENSILE STRENGTH AT YIELD	ISO 527-1,2	MPa	30
TENSILE STRAIN AT YIELD	ISO 527-1,2	%	11
IZOD IMPACT STRENGTH 23 °C	ISO 180/A	kJ/m ²	53.0
IZOD IMPACT STRENGTH -20 °C	ISO 180/A	kJ/m ²	7.5
HDT (0.45 MPa)	ISO 75-1,2	°C	97
ROCKWELL HARDNESS	ISO 2039/2	R scale	76
OIT (Oxidation induction time at 210 °C)	EN 728	min	30

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