

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  
 HDPE SHEETS

## Polyplate PE-300

Based on material HDPE HIPLEX TR-144

PROPERTY	TEST METHOD	UNIT	VALUE
DENSITY	ISO 1183	kg/cm <sup>3</sup>	947
MELT FLOW RATE (190°C/2,16 kg)	ISO 1133	g/10 min	0,18
MELT FLOW RATE (190°C/5 kg)	ISO 1133	g/10 min	0,95
TENSILE STRENGTH AT YIELD	ISO 527	MPa	21
TENSILE STRENGTH AT BREAK	ISO 527	MPa	32
ELONGATION AT BREAK	ISO 527	%	900
IZOD IMPACT STRENGTH	ISO 180	J/m	no break
SHORE D HARDNESS	ISO 868	Shore D	64
VICAT SOFTENING POINT (1 kg)	ISO 306	°C	124
ESC RESISTANCE	ASTM D 1693	h	> 1000
FLEXURAL MODULUS	ISO 178	MPa	1100

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