

QUALITY DEPARTMENT
 ISO 9001:2015
 ISO 14001:2015
 ISO 45001:2018

*Declaration of Conformity
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ENGINEERING PLASTIC PRODUCTS
 HDPE SHEETS

Polyplate PE-300

Based on material HIPLEX HHM 5502

PROPERTY	TEST METHOD	UNIT	VALUE
DENSITY	ISO 1183	kg/cm ³	955
MELT FLOW RATE (190°C/2,16 kg)	ISO 1133	g/10 min	0,35
TENSILE STRENGTH AT YIELD	ISO 527	MPa	27
TENSILE STRENGTH AT BREAK	ISO 527	MPa	28
ELONGATION AT BREAK	ISO 527	%	800
IZOD IMPACT STRENGTH	ISO 180	J/m	80
SHORE D HARDNESS	ISO 868	Shore D	65
VICAT SOFTENING POINT (1 kg)	ISO 306	°C	127
ESC RESISTANCE	ASTM D 1693	h	40
FLEXURAL MODULUS	ISO 178	MPa	1230

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