

QUALITY DEPARTMENT
 ISO 9001:2015
 ISO 14001:2015
 BS OHSAS 18001:2007

Q04.05.PPL23 Declaration of Conformity
 Date of issue: March 2017
 Valid until: March 2020



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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.