

**TECHNICAL DATA SHEET**

# TEREZ® PA/ABS Blend 3610/4

TEREZ PERFORMANCE POLYMERS  
(PA\*+ABS)

## Product Text

### Product Information

Impact resistant Blend with reduced moisture absorption and good flowability.  
For molded parts with increased demand of impact strength and cold impact strength. For injection moulding.

| Processing/Physical Characteristics      | Value | Unit              | Standard        |
|--|-------|-------------------|-----------------|
| Melt flow index, MFI                     | 30    | g/10min           | ISO 1133        |
| Temperature                              | 260   | °C                |                 |
| Load                                     | 5     | kg                |                 |
| Mechanical Properties                    | Value | Unit              | Standard        |
| Tensile modulus                          | 2300  | MPa               | ISO 527         |
| Tensile strength                         | 58    | MPa               | ISO 527         |
| Strain at break                          | 60    | %                 | ISO 527         |
| Poisson's ratio                          | 0.35  |                   | ISO 527         |
| Charpy impact strength, +23°C            | N     | kJ/m <sup>2</sup> | ISO 179/1eU     |
| Charpy impact strength, -30°C            | N     | kJ/m <sup>2</sup> | ISO 179/1eU     |
| Charpy notched impact strength, +23°C    | 30    | kJ/m <sup>2</sup> | ISO 179/1eA     |
| Charpy notched impact strength, -30°C    | 10    | kJ/m <sup>2</sup> | ISO 179/1eA     |
| Thermal Properties                       | Value | Unit              | Standard        |
| Temp. of deflection under load, 1.80 MPa | 65    | °C                | ISO 75-1/-2     |
| Temp. of deflection under load, 0.45 MPa | 125   | °C                | ISO 75-1/-2     |
| Burning behav. at 1.5 mm nom. thickn.    | HB    | class             | IEC 60695-11-10 |
| Thickness tested                         | 1.6   | mm                |                 |
| Other Properties                         | Value | Unit              | Standard        |
| Water absorption                         | 5     | %                 | Sim. to ISO 62  |
| Humidity absorption                      | 1.6   | %                 | Sim. to ISO 62  |
| Density                                  | 1100  | kg/m <sup>3</sup> | ISO 1183        |