

**LOXILLOY PC/ABS 1110-12 05011**

(PC+ABS)

Loxim Industries Limited

| <b>Processing/Physical Characteristics</b> | <b>Value</b>  | <b>Unit</b>       | <b>Test Standard</b> |
|--|---------------|-------------------|----------------------|
| <b>ISO Data</b>                            |               |                   |                      |
| Melt flow index, MFI                       | <b>12</b>     | g/10min           | ISO 1133             |
| Temperature                                | <b>260</b>    | °C                | -                    |
| Load                                       | <b>5</b>      | kg                | -                    |
| <b>Mechanical properties</b>               |               |                   |                      |
| <b>ISO Data</b>                            |               |                   |                      |
| Yield stress                               | <b>49</b>     | MPa               | ISO 527              |
| Strain at break                            | <b>&gt;50</b> | %                 | ISO 527              |
| Flexural modulus, 23°C                     | <b>2500</b>   | MPa               | ISO 178              |
| Flexural strength                          | <b>80</b>     | MPa               | ISO 178              |
| Izod notched impact strength, +23°C        | <b>40</b>     | kJ/m <sup>2</sup> | ISO 180/1A           |
| Izod notched impact strength               | <b>35</b>     | kJ/m <sup>2</sup> | ISO 180/1A           |
| Temperature                                | <b>-30</b>    | °C                | -                    |
| <b>Thermal properties</b>                  |               |                   |                      |
| <b>ISO Data</b>                            |               |                   |                      |
| Temp. of deflection under load, 1.80 MPa   | <b>95</b>     | °C                | ISO 75-1/-2          |
| Temp. of deflection under load, 0.45 MPa   | <b>112</b>    | °C                | ISO 75-1/-2          |
| Vicat softening temperature, B             | <b>110</b>    | °C                | ISO 306              |
| <b>Other properties</b>                    |               |                   |                      |
| Density                                    | <b>1110</b>   | kg/m <sup>3</sup> | ISO 1183             |

**Characteristics****Special Characteristics**

Platable, High impact or impact modified

**Features**

Ductile

**Chemical Resistance**

General Chemical Resistance

**Applications**

Automotive, Electrical and Electronical

**Regional Availability**

North America, Europe, Asia Pacific