

**CELANEX® JKX-1283 - PBT**

Experimental Grade. Please contact your Celanese representative for further information.

| Physical properties                   | Value | Unit              | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| Density                               | 1270  | kg/m <sup>3</sup> | ISO 1183      |
| Mechanical properties                 | Value | Unit              | Test Standard |
| Tensile modulus                       | 4700  | MPa               | ISO 527-2/1A  |
| Tensile stress at yield, 50mm/min     | 82    | MPa               | ISO 527-2/1A  |
| Tensile strain at yield, 50mm/min     | 3.94  | %                 | ISO 527-2/1A  |
| Tensile stress at break, 5mm/min      | 80    | MPa               | ISO 527-2/1A  |
| Tensile strain at break, 5mm/min      | 4.25  | %                 | ISO 527-2/1A  |
| Flexural modulus, 23°C                | 4600  | MPa               | ISO 178       |
| Flexural strength, 23°C               | 117   | MPa               | ISO 178       |
| Charpy impact strength, 23°C          | 54    | kJ/m <sup>2</sup> | ISO 179/1eU   |
| Charpy notched impact strength, 23°C  | 9.9   | kJ/m <sup>2</sup> | ISO 179/1eA   |
| Charpy notched impact strength, -30°C | 9.1   | kJ/m <sup>2</sup> | ISO 179/1eA   |

