

**DAIAMID® E75-K2**

PA12

Daicel-Evonik Ltd.

| <b>Mechanical properties</b>          | <b>Value</b>  | <b>Unit</b>       | <b>Test Standard</b> |
|---------------------------------------|---------------|-------------------|----------------------|
| <b>ISO Data</b>                       |               |                   |                      |
| Tensile Modulus                       | <b>1000</b>   | MPa               | ISO 527              |
| Yield stress                          | <b>37</b>     | MPa               | ISO 527              |
| Yield strain                          | <b>15</b>     | %                 | ISO 527              |
| Stress at break                       | <b>57</b>     | MPa               | ISO 527              |
| Strain at break                       | <b>&gt;50</b> | %                 | ISO 527              |
| Flexural modulus, 23°C                | <b>900</b>    | MPa               | ISO 178              |
| Charpy impact strength, +23°C         | <b>N</b>      | kJ/m <sup>2</sup> | ISO 179/1eU          |
| Charpy notched impact strength, +23°C | <b>10</b>     | kJ/m <sup>2</sup> | ISO 179/1eA          |
| Shore D hardness                      | <b>75</b>     | -                 | ISO 7619-1           |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1010</b>  | kg/m <sup>3</sup> | ISO 1183             |

**Characteristics****Special Characteristics**

High impact or impact modified, U.V. stabilized or stable to weather

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America