

## Product: RN246

25 May 2010

### General Properties:

|  |                        |
|--|------------------------|
| density:   | 1.49 g/cm <sup>3</sup> |
| colour:  | blue                   |
| saturation with moisture absorption at 23°C / 50% r. h.: | 2.0 weight %           |
| saturation with water:                                   | 6.0 weight %           |

### Mechanical Properties:

|   |          |
|---|----------|
| flexural modulus:                           | 6000 MPa |
| flexural strength:                          | 180 MPa  |
| max. permissible surface pressure at 20 °C: | 65 M Pa  |
| Shore D hardness:                           | 85       |

### Thermal Properties:

|  |       |
|--|-------|
| highest long term service temperature:                 | 80°C  |
| highest short term service temperature:                | 120°C |
| highest short term ambient temperature <sup>1)</sup> : | 140°C |
| lowest service temperature:                            | -40°C |

### Electrical Properties:

|                              |                       |
|------------------------------|-----------------------|
| specific volume resistivity: | >10 <sup>11</sup> Ωcm |
| surface resistivity:         | >10 <sup>11</sup> Ω   |

<sup>1)</sup> without additional load; no movement; relaxation possible.