




**novalca**

## **NOVALUX PC FR FV**

Polycarbonate compounds, glass reinforced flame retardant grades

|  | <b>FR FV10</b> | <b>FR FV10 HF</b>         | <b>FR FV20</b> | <b>FR FV20 HF</b>         |
|--|----------------|---------------------------|----------------|---------------------------|
| <b>Izod notched impact strength, at +23 °C - J/m</b>   | 80 ÷ 110       | 80 ÷ 110                  | 70 ÷ 100       | 70 ÷ 100                  |
| <b>Glass content - %</b>   | 9 ÷ 12         | 9 ÷ 12                    | 18 ÷ 22        | 18 ÷ 22                   |
| <b>Flammability class UL94 vertical - Thickness 1.6 mm</b>   | V0             | V0                        | V0             | V0                        |
| <b>Flexural modulus - MPa</b>  | 3200 ÷ 3700    | 3500 ÷ 4200               | 5000 ÷ 5500    | 5300 ÷ 5700               |
| <b>Description</b>   | Standard grade | Chlorine and bromine free | Standard grade | Chlorine and bromine free |
|  <b>UL homologation</b> | FR Y FV10      | FR Y FV10 HF              | FR Y FV20      | -                         |

**Contact us to discover all our grades, and for tailor-made solutions.**

### NOTES

**We can match tailor-made colors and special formulations on the base of customer specifications.**

Values may be affected by coloring and pigmentation.

**Discover our **NOVALUX PC FR FV IQ** portfolio, innovative, tailor made and eco-sustainable grades.**