

NOVA PC 9040V

Polycarbonate
NOVA Polymers, Inc.

Message:

NOVA PC 9040V is a polycarbonate (PC) material. This product is available in North America and is processed by injection molding.
The main features of NOVA PC 9040V are:
flame retardant/rated flame
Flame Retardant

| General Information | | | |
|---|-------------------|-------------------|-------------|
| UL YellowCard | E143392-223287 | | |
| Features | Flame retardancy | | |
| UL File Number | E143392 | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.20 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (300°C/1.2 kg) | 15 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield, 3.18 mm) | 62.1 | MPa | ASTM D638 |
| Flexural Modulus (3.18 mm) | 2210 | MPa | ASTM D790 |
| Flexural Strength (Yield, 3.18 mm) | 89.6 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 640 | J/m | ASTM D256 |
| Flammability | Nominal Value | | Test Method |
| Flame Rating | V-0 | | UL 94 |
| 1.57 mm | 5VB | | UL 94 |
| | V-0 | | |
| 3.18 mm | 5VA | | UL 94 |
| Additional Information | | | |
| Moisture Content, ASTM D 4019-88: <0.04 % | | | |

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

