



PRODUCT INFORMATION

CREAMIDE 6 SW100

Polyamide 6, flame retarded (UL 94 V-0) for injection molding

| Properties | | Test method | Unit | Values |
|------------|------------------------------------|---------------|---------------------------------|-----------|
| Physical | Specific gravity | ASTM D792 | - | 1.17 |
| | Moisture absorption 24h at 23°C | ASTM D570 | % | 1.2 |
| | Mould shrinkage (flow) | Cresin Method | % | 0.8 ~ 1.2 |
| | Mould shrinkage (transverse) | Cresin Method | % | 1.0 ~ 1.4 |
| Mechanical | Izod notched impact | ASTM D256 | kg.cm/cm | 5 |
| | Tensile strength | ASTM D638 | kg/cm ² | 750 |
| | Elongation | ASTM D638 | % | 20 |
| | Flexural strength | ASTM D790 | kg/cm ² | 1,100 |
| | Flexural modulus | ASTM D790 | kg/cm ² | 28,000 |
| | Rockwell hardness | ASTM D785 | R-Scale | 120 |
| Thermal | Melting point | ASTM D3418 | °C | 220 |
| | HDT | ASTM D648 | °C (18.5kg/cm ²) | 60 |
| | | | °C (4.6kg/cm ²) | 190 |
| | Flammability | UL 94 | - | V-0 |

The information contained in this document is supplied in good faith. However it is given purely as an indication. It shall not be construed in any way as a formal commitment or warranty on our part, notably in respect of the eventual infringement of any rights of third parties who may use our products. The listed values of properties are for natural grade, if not otherwise specified.

CRESIN Co., Ltd.

1415-3, Munbang-ri, Seonnam-myeon, Seongju-gun, Gyeongsangbuk-do, Korea

TEL : 054 - 931 - 1488

FAX : 054 - 931 - 4188

