

# ColorRx® PA-2000NB

Polycarbonate + ABS

LTL Color Compounders, Inc.

## Message:

A PC/ABS alloy with improved chemical resistance designed for use in medical equipment enclosures, such as monitoring and imaging devices, where body contact is not an issue.

| General Information  |                                 |                   |             |
|--|---------------------------------|-------------------|-------------|
| Features   | Good Chemical Resistance        |                   |             |
| Uses   | Medical/Healthcare Applications |                   |             |
| Physical   | Nominal Value                   | Unit              | Test Method |
| Specific Gravity   | 1.15                            | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)                         | 19                              | g/10 min          | ASTM D1238  |
| Molding Shrinkage - Flow   | 0.50 to 0.70                    | %                 | ASTM D955   |
| Mechanical   | Nominal Value                   | Unit              | Test Method |
| Tensile Strength (Yield)   | 56.5                            | MPa               | ASTM D638   |
| Tensile Elongation   |                                 |                   | ASTM D638   |
| Yield  | 5.0                             | %                 |             |
| Break  | 100                             | %                 |             |
| Flexural Modulus   | 2340                            | MPa               | ASTM D790   |
| Flexural Strength  | 87.6                            | MPa               | ASTM D790   |
| Impact   | Nominal Value                   | Unit              | Test Method |
| Notched Izod Impact (23°C)                                       | 640                             | J/m               | ASTM D256   |
| Thermal  | Nominal Value                   | Unit              | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm) | 104                             | °C                | ASTM D648   |

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## Recommended distributors for this material

### 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



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