



# NYPLA INDUSTRIAL CO., LTD.

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## Product Information

## NYLOY<sup>®</sup> NS-0240N

• Nylon 6 • Impact Modified • Natural

| PROPERTY                             | METHOD       | UNIT              | RESULT |
|--------------------------------------|--------------|-------------------|--------|
| <b>MECHANICAL</b>                    |              |                   |        |
| Tensile Strength                     | ISO 527      | MPa               | 40     |
| Elongation                           | ISO 527      | %                 | 60     |
| Flexural Strength                    | ISO 178      | MPa               | 55     |
| Flexural Modulus                     | ISO 178      | MPa               | 1400   |
| Charpy Impact, Notched 23° C         | ISO 179/ 1eA | kJ/m <sup>2</sup> | 86     |
| Charpy Impact, Notched -20° C        | ISO 179/ 1eA | kJ/m <sup>2</sup> | -      |
| Hardness Rockwell R Scale            | ISO 2039     | -                 | -      |
| Hardness Shore D                     | ISO 868      | -                 | D-71   |
| <b>THERMAL</b>                       |              |                   |        |
| Heat Deflection Temp                 | ISO 75       |                   |        |
| 1.82MPa                              |              | °C                | -      |
| 0.46MPa                              |              | °C                | -      |
| <b>OTHER</b>                         |              |                   |        |
| Density                              | ISO 1183     | g/cm <sup>3</sup> | 1.06   |
| Mold Shrinkage                       | ISO 294-4    |                   | -      |
| Normal                               |              | %                 | 1.60   |
| Parallel                             |              | %                 | 1.13   |
| Ash Content                          | -            | %                 | -      |
| <b>REMARK</b>                        |              |                   |        |
| (1) This data is for reference only. |              |                   |        |