

Nylene® 8005 HSL

Polyamide 66

Custom Resins Group

Message:

Nylene 8005 or 8005 HSL is an Economy grade Impact Modified PA66 molding resin
Has the high heat and chemical resistance characteristic of nylon 6/6 with a good impact

| General Information | | | |
|----------------------------------|--------------------------|-------------------|-------------|
| Additive | Impact Modifier | | |
| Features | Good Chemical Resistance | | |
| | Good Impact Resistance | | |
| | High Heat Resistance | | |
| | Impact Modified | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.08 | g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow | 1.5 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (23°C) | 44.8 | MPa | ASTM D638 |
| Tensile Elongation (Break, 23°C) | 80 | % | ASTM D638 |
| Flexural Modulus (23°C) | 1550 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 530 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Peak Melting Temperature | 260 | °C | ASTM D3418 |

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