

Hylon[®] N2015H2L

Polyamide 6
Prime Compound

Description:

Polyamide 6 15% Glass Fibre filled, prime quality compound, available in custom colors also heat stabilized (H) and UV stabilized (UV)

General

| | | | |
|--------------------------------|----------|------|-------------------|
| Density | ISO 1183 | 1.22 | g/cm ³ |
| Mold shrinkage (Parallel) | | 0,75 | % |
| Mold shrinkage (Perpendicular) | | 1,00 | % |

Thermal

| | | | |
|-----------------------------------|---------|-----|----|
| HDT/A (1,82MPa) | ISO 75A | 195 | °C |
| Vicat softening point (B50 (50N)) | ISO 306 | 202 | °C |

Mechanical

| | | | |
|--|---------|------|-------------------|
| Izod notched impact strength (23 °C) | ISO 180 | 6,5 | kJ/m ² |
| Izod unnotched impact strength (23 °C) | ISO 180 | 30 | kJ/m ² |
| Charpy unnotched impact strength (23 °C) | ISO 179 | 30 | kJ/m ² |
| Tensile strength at break (23 °C) | ISO 527 | 100 | MPa |
| Elongation at break (23 °C) | ISO 527 | 4 | % |
| Tensile modulus (23 °C) | ISO 527 | 4300 | MPa |
| Flexural modulus (23°C) | ISO 178 | 4500 | MPa |
| Flexural strength (23°C) | ISO 178 | 150 | MPa |

Flammability

| | | | |
|---------------------------------------|----------------|-----|----|
| Flammability (3,2mm) | UL94 | HB | |
| Flammability (1,6mm) | UL94 | HB | |
| Glow wire flammability index (2,0 mm) | IEC 60695-2-12 | 650 | °C |

Remark:

Ex Ravamid R200 GF15