



ECOLEN[®] HZ10K

POLYPROPYLENE HOMOPOLYMER RESIN

| Description | Applications |
|--|--|
| ECOLEN [®] HZ10K is a polypropylene homopolymer, featuring: <ul style="list-style-type: none">• outstanding processability,• good mechanical properties. | Typical applications for this grade are: <ul style="list-style-type: none">• film yarn for textiles and ropes• sheet for thermoforming• extrusion of monofilaments & nets. |

| Typical properties | Method | Unit | Value^[1] |
|--|---------------|-------------------|----------------------------|
| Melt Flow Rate (230°C, 2.16Kg) | ASTM D 1238 | g/10 min | 3.2 |
| Density | ASTM D 792 | g/cm ³ | 0.9 |
| Flexural modulus | ASTM D 790 | MPa | 1450 |
| Tensile Strength at Yield | ASTM D 638 | MPa | 34 |
| Elongation at yield | ASTM D 638 | % | 13 |
| Izod Impact Strength (notched) at 23°C | ASTM D 256 | J/m | 45 |

[1] Indicated values are averages and are not to be considered as product specifications.

Product is available in: 25 Kgs bags, big bags and bulk.

ECOLEN[®] HZ10K is suitable for food contact.