



## **ECOLEN<sup>®</sup> HZ40P**

### **POLYPROPYLENE HOMOPOLYMER RESIN**

<b>Description</b>	<b>Applications</b>
ECOLEN <sup>®</sup> HZ40P is a polypropylene homopolymer, featuring: <ul style="list-style-type: none"><li>• good processability</li><li>• excellent antigasfading properties.</li></ul>	Typical applications for this grade are: <ul style="list-style-type: none"><li>• heavy denier staple fibres</li><li>• continuous filaments and</li><li>• decorative ribbons.</li></ul>

<b>Typical properties</b>	<b>Method</b>	<b>Unit</b>	<b>Value<sup>[1]</sup></b>
Melt Flow Rate (230°C, 2.16Kg)	ASTM D 1238	g/10 min	12
Density	ASTM D 792	g/cm <sup>3</sup>	0.9
Flexural modulus	ASTM D 790	MPa	1550
Tensile Strength at Yield	ASTM D 638	MPa	34
Elongation at yield	ASTM D 638	%	12
Izod Impact Strength (notched) at 23°C	ASTM D 256	J/m	30

[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<sup>®</sup> HZ40P is suitable for food contact.