

# ECOLEN® HZ40P

Polypropylene Homopolymer

HELLENIC PETROLEUM S.A.

## Message:

ECOLEN® HZ40P is a polypropylene homopolymer, featuring:

good processability

excellent antigasfading properties.

Typical applications for this grade are:

heavy denier staple fibres

continuous filaments and

decorative ribbons.

ECOLEN® HZ40P is suitable for food contact

General Information			
Features	Gas-fading Resistant		
	Good Processability		
	Homopolymer		
Uses	Filaments		
	Ribbons		
	Staple Fibers		
Forms	Pellets		
Processing Method	Filament Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1550	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	30	J/m	ASTM D256

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## Recommended distributors for this material

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