

# ECOLEN® HZ40S

Polypropylene Homopolymer

HELLENIC PETROLEUM S.A.

## Message:

ECOLEN® HZ40S is a polypropylene homopolymer, featuring:

easy processability,

excellent antigasfading properties.

Typical applications for this grade are

continuous filaments (CF)

bulk continuous filament (BCF)

and staple fibres.

ECOLEN® HZ40S is suitable for food contact

General Information			
Features	Food Contact Acceptable		
	Gas-fading Resistant		
	Good Processability		
	Homopolymer		
Uses	Filaments		
	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)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	32.0	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus	1500	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

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

