


**HELLENIC
PETROLEUM**
HELLENIC PETROLEUM S.A.
Chemicals Marketing Division

17th km NATIONAL RD. ATHENS-KORINTHOS, GR-19300

ASPROPYRGOS, TEL.: +301 5539061, FAX: +301 5539060

E C O L E N[®] HZ40S

POLYPROPYLENE HOMOPOLYMER RESIN

Description	Applications		
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.		

Typical properties	Method	Unit	Value ^[1]
Melt Flow Rate (230°C, 2.16Kg)	ASTM D 1238	g/10 min	25
Density	ASTM D 792	g/cm ³	0.9
Flexural modulus	ASTM D 790	MPa	1500
Tensile Strength at Yield	ASTM D 638	MPa	32
Elongation at yield	ASTM D 638	%	13
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[®] HZ40S is suitable for food contact.

Issued: February 2002