

ECOLEN® HZ10D

Polypropylene Homopolymer

HELLENIC PETROLEUM S.A.

Message:

ECOLEN® HZ10D is a polypropylene homopolymer, featuring:

excellent processability

good mechanical properties.

Typical applications for this grade are:

sheet for thermoforming

film yarn and

monofilament.

ECOLEN® HZ10D is suitable for food contact.

General Information			
Features	Good Processability Homopolymer		
Uses	Film Monofilaments Sheet Yarn		
Forms	Pellets		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	60	J/m	ASTM D256

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Recommended distributors for this material

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