

ECOLEN® HF20M

Polypropylene Homopolymer
HELLENIC PETROLEUM S.A.

Message:

ECOLEN® HF20M is a polypropylene homopolymer, featuring:
fast processing
high gloss and transparency
It contains anti-block and slip additives
Typical applications for this grade is the extrusion of non-oriented
cast and
tubular water-quench film

General Information			
Additive	Antiblock Slip		
Features	Antiblocking Fast Molding Cycle High Clarity High Gloss Homopolymer Slip		
Uses	Cast Film Film		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	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	1400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	36	J/m	ASTM D256

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