

Caltex PP H240

Polypropylene Homopolymer

GS Caltex

Message:

Caltex PP H240 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific for cast film. Primary attribute of Caltex PP H240: Homopolymer.
Typical applications include:
Film
Packaging

General Information			
Features	General Purpose Homopolymer		
Uses	Cast Film Film Food Packaging General Purpose Packaging		
Forms	Pellets		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.903	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.5 to 1.9	%	
Across Flow	1.5 to 1.9	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	36.3	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	10	%	
Break	> 500	%	
Flexural Modulus	1670	MPa	ASTM D790
Coefficient of Friction	0.70		ASTM D1894
Films	Nominal Value	Unit	Test Method
Secant Modulus - MD	873	MPa	ASTM D882
Seal Initiation Temperature	150	°C	Internal Method
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact	26	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	124	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Haze	0.50	%	ASTM D1003

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