

# Caltex PP H240M

Polypropylene Homopolymer

GS Caltex

Message:

Caltex PP H240M is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific for cast film. Primary attribute of Caltex PP H240M: Homopolymer.  
Typical applications include:  
Film  
Packaging

General Information			
Features	Homopolymer		
Uses	Cast Film		
	Film		
	Food Packaging		
	Metal Replacement		
	Packaging		
Forms	Pellets		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.903	g/cm <sup>3</sup>	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	1470	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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Recommended distributors for this material

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