

Caltex PP M720

Polypropylene Impact Copolymer

GS Caltex

Message:

Caltex PP M720 is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Asia Pacific for blow molding or sheet extrusion. Important attributes of Caltex PP M720 are:
Flame Rated
Copolymer
Impact Resistant
Typical application of Caltex PP M720: Packaging

General Information			
Features	Good Stretchability		
	High Impact Resistance		
	Impact Copolymer		
Uses	Food Packaging		
Forms	Pellets		
Processing Method	Blow Molding		
	Sheet Extrusion		
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)	0.60	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.5 to 1.8	%	
Across Flow	1.5 to 1.8	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	92		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.4	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	10	%	
Break	> 500	%	
Flexural Modulus	1320	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 490	J/m	ASTM D256
Gardner Impact	> 24.5	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	123	°C	ASTM D648

Vicat Softening Temperature	152	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

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