

Americas Styrenics MC9540

General Purpose Polystyrene

Americas Styrenics LLC

Message:

Americas Styrenics MC9540 is a General Purpose Polystyrene material. It is available in Latin America or North America.

Important attributes of Americas Styrenics MC9540 are:

Good Dimensional Stability

Good Mold Release

Heat Resistant

Rigid

Typical applications include:

Caps/Lids/Closures

Electrical/Electronic Applications

Food Contact Applications

General Information			
Features	Good Dimensional Stability		
	Good Mold Release		
	High Heat Resistance		
	High Rigidity		
Uses	Audio Tapes		
	Closures		
Agency Ratings	FDA 21 CFR 177.1640		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2280	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	34.5	MPa	
Break	30.3	MPa	
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2210	MPa	ASTM D790
Flexural Strength (Yield)	42.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
3.18 mm	75	J/m	
6.35 mm	59	J/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	102	°C	ASTM D1525

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Recommended distributors for this material

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