

# Hostacom CA199

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

## Message:

Hostacom CA199 low melt flow, 400 MPa flexural modulus, paintable thermoplastic elastomeric olefin (TEO) resin exhibits balanced strength, toughness, flexibility and ductility. It is based on material produced from proprietary Basell process technology.

General Information			
Features	Ductile		
	Good Colorability		
	Good Flexibility		
	Good Tear Strength		
	Low Flow		
	Low Temperature Flexibility		
	Paintable		
Uses	Automotive Applications		
	Automotive Interior Trim		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.890	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	10.0	MPa	ISO 527-2
Tensile Strain (Yield)	12	%	ISO 527-2
Flexural Modulus	400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	70	kJ/m <sup>2</sup>	
23°C	42	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	53.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	37.0	°C	ISO 75-2/A

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