

# Hifax CA387PC

Thermoplastic Polyolefin Elastomer

LyondellBasell Industries

## Message:

Hifax CA387PC high melt flow, medium low flexural modulus thermoplastic elastomeric olefin (TEO) resin has an excellent balance of impact, stiffness, processability and paintability. It is based on material produced from Basell's proprietary Catalloy process and is primarily being used by our customers for automotive bumper fascias that require high durability.

General Information			
Features	Excellent Printability		
	Good Processability		
	High Flow		
	High Impact Resistance		
	High Stiffness		
Uses	Automotive Bumper		
	Automotive Exterior Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	ISO 527-2
Tensile Strain (Yield)	7.5	%	ISO 527-2
Flexural Modulus	1000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°C	7.0	kJ/m <sup>2</sup>	
23°C	45	kJ/m <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	80.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	52.0	°C	ISO 75-2/A
CLTE - Flow (-30 to 100°C)	1.0E-4	cm/cm/°C	ASTM E228, ISO 11359-2

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