

## Hifax CA387PC

Advanced Polyolefin

## **Product Description**

*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.

Product Characteristics				
Status Commercial: A		Active		
Test Method used	ISO			
Processing Methods	ods Injection Mole			
Features	Durable, High Flow , High Impact Resistance , Good Moldability , Good Stiffness			
Typical Customer Applications	Bumpers, Exterior Applications			
Typical Properties		Method	Value	Unit
Physical				
Density		ISO 1183	0.91	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)		ISO 1133	18	g/10 min
Note: Alternative test method is AS	STM D 1238-01			
Mechanical				
Tensile Stress at Yield		ISO 527-1, -2	18	MPa
Tensile Strain at Yield		ISO 527-1, -2	7.5	%
Flexural modulus		ISO 178	1000	MPa
Impact				
Notched izod impact strength		ISO 180		
(23 °C)			45	kJ/m²
(-40 °C)			7.0	kJ/m²
Thermal				
Heat deflection temperature B (0.45 MPa) Unannealed		ISO 75B-1, -2	80	°C
Heat deflection temperature A (1.80 MPa) Unannealed		ISO 75A-1, -2	52	°C
CLTE, Flow		ISO 11359-1, - 2	10 x 10-5	cm/cm/°C
<i>Note</i> : Determined over a temperat ASTM E 228-95.	ure range of -3	0°C to 100°C. Alte	rnative test	method is
Additional Information				
Mold shrinkage		ISO 294-4		
Note: Please contact LyondellBase	ll for shrinkage	recommendations.		
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## Notes

Typical properties; not to be construed as specifications.



