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/cm³	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/m²	
23°C	45	kJ/m²	
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

Recommended distributors for this material

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