

Hifax CA10GC

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries

Message:

Hifax CA10GC fractional melt flow, 100 MPa flexural modulus, precolored, UV-stabilized, reactor grade, extrudable thermoplastic elastomeric olefin (TEO) resin combines good processability with balanced strength, toughness, flexibility and weatherability. It is based on material produced from proprietary Basell process technology and was designed primarily for applications requiring extended outdoor exposure.

General Information			
Additive	UV Stabilizer		
Features	Good Flexibility		
	Good Processability		
	Good Toughness		
	Good UV Resistance		
	Good Weather Resistance		
	Low Flow		
Uses	Geo Membranes		
	Outdoor Applications		
	Profiles		
	Reinforced Panels		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.890	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	43		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	9.00	MPa	ASTM D638
Tensile Elongation (Break)	600	%	ASTM D638
Flexural Modulus	100	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	80.0	kN/m	ASTM D624

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