



Hifax CA1110 / 1GC

Compounded Polyolefin

Product Description

Hifax CA1110/1GC Black medium high melt flow, 1,100 MPa flexural modulus, paintable thermoplastic elastomeric olefin (TEO) resin has a very good combination of properties and processability. It was designed primarily for use in painted automotive bumper fascia applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Processing Methods	Injection Molding
Features	Medium Flow, Good Impact Resistance , Paintable, Good Processability, Good Stiffness
Typical Customer Applications	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.96	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	9	g/10 min
Note: Alternative test method is ASTM D 1238-01.			
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	16	MPa
Tensile Strain at Break (23 °C)	ISO 527-1, -2	50	%
Flexural modulus	ISO 178	1100	MPa
Impact			
Notched izod impact strength (23 °C)	ISO 180	49	kJ/m ²

Notes

Typical properties; not to be construed as specifications.