

Technical Data Sheet

Hifax CA 1110 G4 LS C12477

Polypropylene Compounds



Product Description

Hifax CA 1110 G4 LS C12477 is a 10% talc filled PP copolymer, with good impact/stiffness balance and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12477 color version.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Application	Automotive Parts; Bumpers; Exterior Trim
Market	Automotive
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	17	g/10 min	ISO 1133-1
Density, (23 °C)	0.98	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1150	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	16	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	400	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	40	kJ/m ²	ISO 179-1/1eA
(-30 °C)	4	kJ/m ²	ISO 179-1/1eA
Charpy Impact Strength - Unnotched, (23 °C)	No Break		ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (A50)	117	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	80	°C	ISO 75B-1, -2

