

Technical Data Sheet

Hifax TYC 1168P C1 848 Black



Polypropylene Compounds

Product Description

Hifax TYC 1168P C1 848 BLACK very high melt flow for easy and fast molding and has low density. Good stiffness, good scratch resistance, and excellent cold temperature impact.

Material is formulated for mold-in color exterior trim and fascia applications.

Application	Automotive Parts; Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good Flow; Good Impact Resistance; Good Moldability; High Stiffness; Low Shrinkage; Low Temperature Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	35	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)	1600	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Notch A)	50	kJ/m ²	ISO 179-1/1eA
(-30 °C, Type 1, Edgewise, Notch A)	5	kJ/m ²	ISO 179-1/1eA