

Technical Data Sheet

Hifax TYC 1087P 848 Black



Polypropylene Compounds

Product Description

Hifax TYC 1087P 848 Black has a very high melt flow for easy and fast molding. It has excellent stiffness and cold temperature impact with very low CLTE. It is typically used for mold in color exterior applications.

Application	Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	High Stiffness; Low Temperature Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	40	g/10 min	ISO 1133-1
Density, (23 °C)	1.06	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1900	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	18	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	50	kJ/m ²	ISO 179
(-30 °C)	6	kJ/m ²	ISO 179
Additional Information			
Mold Shrinkage			ISO 294-4

Please contact LyondellBasell for shrinkage recommendations.