Technical Data Sheet

Hifax TYC 2137P NA 4WFA Oxford

Polypropylene Compounds

Product Description

Hifax TYC 2137P NA 4WFA Oxford engineered polyolefin material is typically used for various automotive exterior-trim and fascia applications. It offers an excellent combination of scratch resistance, UV resistance, high-gloss part appearance, good processability and a balance of stiffness and impact resistance.

Status	Developmental
Availability	North America
Application	Automotive Parts; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	High Flow; High Gloss; Scratch Resistant; UV Stabilized

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	32	g/10 min	ISO 1133-1
Density, (23 °C)	0.95	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1250	MPa	ISO 178
Tensile Strength, (23 °C)	21	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	40	kJ/m²	ISO 179
(-40 °C)	4.0	kJ/m²	ISO 179
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	52	°C	ISO 75B-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			