

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.

Regulatory Status

For regulatory compliance information, see Hifax TYC 2137P NA 4WFA Oxford [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

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/cm ³	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/m ²	ISO 179
(-40 °C)	4.0	kJ/m ²	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.			

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.