

Technical Data Sheet

Hifax TRC 221P YZ9A BLK



Polypropylene Compounds

Product Description

Hifax TRC 221P YZ9A BLK high melt flow, medium high flexural modulus, UV-stabilized, mineral-filled thermoplastic elastomeric olefin (TEO) resin combines processability with an excellent impact/stiffness balance. The grade is typically used for molding of large complex parts that require high impact strength as well as good stiffness.

Regulatory Status

For regulatory compliance information, see Hifax TRC 221P YZ9A BLK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Restricted
Availability	North America
Application	Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Copolymer; Good Impact Resistance; Good Stiffness; High Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	16	g/10 min	ISO 1133-1
Density, (23 °C, Method A)	1.04	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C, 2 mm/min)	1500	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	17	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C, Type 1, Notch A)	47.0	kJ/m ²	ISO 180
(-40 °C, Type 1, Notch A)	3.4	kJ/m ²	ISO 180
Thermal			
Heat Deflection Temperature A, (1.80 MPa, Unannealed)	48	°C	ISO 75A-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.