



## Hifax TRC 280X NA Black

### Compounded Polyolefin

#### Product Description

Hifax TRC 280X NA Black is a high melt flow, 31% mineral filled polypropylene copolymer for injection moulding. It combines very high flowability with an excellent impact/stiffness balance and a very low CLTE. The grade has been specifically designed for moulding of large complex parts that require high impact strength as well as good stiffness. This grade is available in pellet form. It contains no UV stabilizaton, and therefore it designed to be used only for fully painted parts.

#### Product Characteristics

Test Method used	ISO
Features	Copolymer, High Flow , Good Impact Resistance , Good Stiffness
Typical Customer Applications	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density (Method A)	ISO 1183	1.14	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	20	g/10 min
<b>Mechanical</b>			
Tensile Stress at Yield	ISO 527-1, -2	22	MPa
Flexural modulus	ISO 178	2800	MPa
<b>Impact</b>			
Notched izod impact strength	ISO 180		
(23 °C, Type 1, Notch A)		10	kJ/m <sup>2</sup>
(-40 °C, Type 1, Notch A)		2.5	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	120	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	65	°C
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		