



## Hifax DRL 781P

### Compounded Polyolefin

#### Product Description

Hifax DRL 781P medium high melt flow, 900 MPa flexural modulus, UV-stabilized, mineral-filled thermoplastic elastomeric olefin (TEO) resin has a very good combination of properties, processability, and weatherability. It was designed for a variety of automotive exterior ornamentation applications.

#### Product Characteristics

<b>Test Method used</b>	ISO
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	Good Dimensional Stability, Good Impact Resistance , Scratch Resistant, Good Stiffness , Good Weather Resistance
<b>Typical Customer Applications</b>	Exterior Applications

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	0.94	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	15	g/10 min
<i>Note: Alternative test method is ASTM D 1238-01.</i>			
<b>Mechanical</b>			
Tensile Stress at Yield	ISO 527-1, -2	18	MPa
Tensile Strain at Yield	ISO 527-1, -2	11	%
Flexural modulus	ISO 178	900	MPa
<b>Impact</b>			
Notched izod impact strength	ISO 180		
(23 °C)		28	kJ/m <sup>2</sup>
(-40 °C)		3.5	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	48	°C
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		