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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

Test Method used ISO

Processing Methods Injection Molding

Features Good Dimensional Stability, Good Impact Resistance,

Scratch Resistant, Good Stiffness, Good Weather

Resistance

Typical Customer Applications Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.94	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	15	g/10 min
Note: Alternative test method is ASTM D 1238-01.			
Mechanical			
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
Impact			
Notched izod impact strength	ISO 180		
(23 °C)		28	kJ/m²
(-40 °C)		3.5	kJ/m²
Thermal			
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	48	°C
Additional Information			
Mold shrinkage	ISO 294-4		