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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		