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## Hifax TYC 1229P

## **Compounded Polyolefin**

## **Product Description**

Hifax TYC 1229P is a high flow thermoplastic polyolefin designed for automotive and heavy-truck applications that require energy management combined with ductility, stiffness and impact resistance over a broad temperature range. This material exhibits excellent processability and dimensional stability.

## **Product Characteristics**

Test Method used ISO

Processing Methods Injection Molding

**Features** Good Dimensional Stability, Low Temperature Impact

Resistance, Good Processability, Good Stiffness

**Typical Customer Applications** Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Density (Method A)	ISO 1183	1.16	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	27	g/10 min
Mechanical			
Tensile Stress at Yield (23°C)	ISO 527-1, -2	17	MPa
Flexural modulus (2 mm/min)	ISO 178	2500	MPa
Impact			
Notched Izod Impact (23°C)	ASTM D 256	35	kJ/m²
Additional Information			
Mold shrinkage	ISO 294-4		