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

Status	Development
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		
Note: Please contact LyondellBasell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.