Hifax TYC 852P

Compounded Polyolefin

Product Description

Hifax TYC 852P very high melt flow, 2,000 MPa flexural modulus, mineral-filled, uv-stabilized thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed primarily for automotive bumper fascias.

Product Characteristics

Status	Commercial: Restricted
Test Method used	ISO
Processing Methods	Injection Molding
Features	High Impact Resistance , Good Processability, High Stiffness, Good UV Resistance
Typical Customer Applications	Bumpers, Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate	ASTM D 1238	30	g/10 min
Density	ISO 1183	1.06	g/cm³
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	20	MPa
Flexural modulus	ISO 178	2000	MPa
Impact			
Notched izod impact strength	ISO 180		
(-40 °C)		3.5	kJ/m²
(23 °C)		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.