Technical Data Sheet

Hifax TYC 1342P JA6A Black

Polypropylene Compounds

Product Description

Hifax TYC 1342P JA6A Black very high melt flow, 1,650 MPa flexural modulus, low density mineral filled, thermoplastic elastomeric olefin (TEO) resin. Enables part weight reduction and associated savings while maintaining all of the performance of traditional, higher density products. It has excellent UV performance, balance of properties and processability, and is typically used for MIC automotive bumper fascias and exterior trim applications.

Application	Automotive Parts; Bumpers; Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good Processability; High Impact Resistance; Low Density; Low Shrinkage; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	30	g/10 min	ASTM D1238
Density, (23 °C, Method A)	1.01	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1650	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	19.2	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	38	kJ/m²	ISO 179
(-40 °C)	4.1	kJ/m²	ISO 179
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			