

## Technical Data Sheet

### Hostacom TYC727N JXW Black



Polypropylene Compounds

#### Product Description

Hostacom TYC727N JXW Black high melt flow, 2,000 MPa flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of processability, rigidity, impact, and scratch and mar resistance. It is typically used for molded-in color automotive instrument panels that require high durability.

<b>Status</b>	Commercial: Active
<b>Availability</b>	North America
<b>Application</b>	Instrument Panels; Interior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Dimensional Stability; Good Impact Resistance; Good Moldability; High Flow; High Rigidity; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	28	g/10 min	ISO 1133-1
Density, (23 °C)	1.02	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus	2000	MPa	ISO 178
Tensile Stress at Yield	23	MPa	ISO 527-1, -2
Tensile Strain at Yield	8	%	ISO 527-1, -2
<b>Impact</b>			
Notched Izod Impact Strength			
(23 °C)	30	kJ/m <sup>2</sup>	ISO 180
(-40 °C)	3.5	kJ/m <sup>2</sup>	ISO 180
<b>Thermal</b>			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	110	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	57	°C	ISO 75A-1, -2
Coefficient of Linear Thermal Expansion (CLTE), Flow, (-22 to 212 °F, -30 to 100 °C)	4.8 x 10 <sup>-5</sup>	cm/cm/°C	ISO 11359-1, -2
<b>Additional Information</b>			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			

#### Notes

These are typical property values not to be construed as specification limits.