

## Technical Data Sheet

### Hostacom TYC 727N E C12827



Polypropylene Compounds

#### Product Description

Hostacom TYC 727N E C12827 is a 20% talc filled PP copolymer, with good flowability, excellent impact/stiffness balance and good scratch resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12827 color version.

This product is also available in other colors, new colors can be developed depending on customer requirements.

Application	Interior Trims
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Impact Resistance; Good Stiffness

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	25	g/10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	1950	MPa	ISO 178/A1
Tensile Stress at Yield, (23 °C)	22	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	30	kJ/m <sup>2</sup>	ISO 179-1/1eA
(-40 °C)	2	kJ/m <sup>2</sup>	ISO 179-1/1eA
Notched Izod Impact Strength			
(23 °C)	30	kJ/m <sup>2</sup>	ISO 180/1A
(-40 °C)	3	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal</b>			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	100	°C	ISO 75B-1, -2

#### Notes

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

