



## Hostacom TYC727N E

### Compounded Polyolefin

#### Product Description

Hostacom TYC727N E is a mineral filled polypropylene copolymer for injection moulding. It combines a good flowability with excellent stiffness/impact properties. The grade has been specifically designed for interior trim applications with higher impact and scratch resistance requirements.

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ISO
<b>Availability</b>	Europe
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	High Flow , Medium Gloss , High Impact Resistance , Good Processability, Good Surface Finish
<b>Typical Customer Applications</b>	Automotive Parts

Typical Properties	Method	Value Unit
<b>Physical</b>		
Density	ISO 1183	1.04 g/cm <sup>3</sup>
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	28 g/10 min
<b>Mechanical</b>		
Tensile Stress at Yield (23 °C, 50 mm/min)	ISO 527-1, -2	22 MPa
Flexural modulus (23 °C, Secant)	ISO 178	1900 MPa
<b>Impact</b>		
Notched izod impact strength (-40 °C, Type 1, Notch A)	ISO 180	3.5 kJ/m <sup>2</sup>
(23 °C, Type 1, Notch A)		30 kJ/m <sup>2</sup>
<b>Thermal</b>		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	105 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	55 °C

#### Notes

Typical properties; not to be construed as specifications.