

## Technical Data Sheet

### Hostacom TKC 782N NATRL



Polypropylene Compounds

#### Product Description

Hostacom TKC 782N NATRL high melt flow, medium flexural modulus, natural, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent combination of properties and processability. It is typically used for automotive interior components that require balanced impact and stiffness characteristics.

<b>Application</b>	Interior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Colorability; Good Moldability; High Flow; Low Temperature Impact Resistance; Medium Rigidity

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	18	g/10 min	ISO 1133-1
Density, (23 °C)	0.96	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus	1270	MPa	ISO 178
Tensile Stress at Yield	17.5	MPa	ISO 527-1, -2
Tensile Strain at Yield	12	%	ISO 527-1, -2
<b>Impact</b>			
Notched Izod Impact Strength			
(23 °C)	60	kJ/m <sup>2</sup>	ISO 180
(-30 °C)	35	kJ/m <sup>2</sup>	ISO 180
<b>Thermal</b>			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	85	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	53	°C	ISO 75A-1, -2
<b>Additional Information</b>			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			