

## Technical Data Sheet

**Hifax TSOP EM1 R299**

Polypropylene Compounds

**Product Description**

Hifax TSOP EM1 R299 is a 12% talc filled PP copolymer, with high impact resistance. Product is available as a customized color matched, pellet form. This grade is delivered in R299 color version.

*This grade is not intended for medical, pharmaceutical, food and drinking water applications.*

<b>Status</b>	Commercial: Active
<b>Availability</b>	Europe
<b>Application</b>	Bumpers
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Dimensional Stability; Good Processability; Good UV Resistance; High Flow; High Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	27	g/10 min	ISO 1133-1
Density, (23 °C)	0.98	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	1400	MPa	ISO 178/A1
Tensile Strength, (23 °C)	18	MPa	ISO 527-1, -2
<b>Impact</b>			
Notched Izod Impact Strength			
(23 °C)	54	kJ/m <sup>2</sup>	ISO 180/1A
(-30 °C)	7.8	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal</b>			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	98	°C	ISO 75B-1, -2

**Notes**

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