

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.

Application	Bumpers
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Dimensional Stability; Good Processability; Good UV Resistance; High Flow; High Impact Resistance

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

