

Technical Data Sheet : AdvyForm E1201

High Crystallinity Polypropylene

Product Description

The polymer grade is high crystallinity impact copolymer with a good balance of mechanical properties.

Information regarding regulatory status, including supported, prohibited, or restricted applications, is provided in the **Product Regulatory Summary** and the **Safety Data Sheet (SDS)**.

General

Application	Automotive Parts
Market	Compounding
Processing Method	Compounding; Injection Molding
Attribute	Good Processability; High Stiffness; Impact Copolymer; Medium Flow; Medium Impact Resistance
Internal ref. number	1Q173, BEN6702
Revision	Version 1.1, June 2026

Properties.

Typical Properties	Nominal		Test Method
	Value ^{*)}	Units	
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	18	g/10 min	ISO 1133-1
Density	0.9	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1600	MPa	ISO 178
Tensile Modulus	1600	MPa	ISO 527-1, -2
Tensile Stress at Yield	32	MPa	ISO 527-1, -2
Tensile Strain at Yield	5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	5.5	kJ/m ²	ISO 179
(0 °C)	4	kJ/m ²	ISO 179
(-20 °C)	2.5	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (A50)	153	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	100	°C	ISO 75B-1, -2
DSC Melting Point	165	°C	DSC

^{*)} These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.



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