

Technical Data Sheet : AdvyForm E1330

Polypropylene, Impact Copolymer

Product Description

The grade is a medium fluidity heterophasic copolymer grade for injection molding applications. It exhibits an excellent impact performance, particularly at low temperature, combined with a good processability. Is an ideal building block for technical compounding. It offers a good solution for interior and exterior parts in Automotive compounds. The grade is available in natural, pellet form.

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	Automotive
Processing Method	Compounding; Injection Molding
Attribute	Good Flow; High Impact Resistance
Internal ref. number	1Q261, BEN43388
Revision	Version 1.1, June 2026

Properties.

Typical Properties	Nominal Value			
Physical				
Melt Flow Rate, (230 °C/2.16 kg)	22	g/10 min	ISO 1133-1	
Density	0.89	g/cm ³	ISO 1183-1	
Mechanical				
Flexural Modulus	650	MPa	ISO 178	
Tensile Modulus	600	MPa	ISO 527-1, -2	
Tensile Stress at Break	10	MPa	ISO 527-1, -2	
Tensile Stress at Yield	13	MPa	ISO 527-1, -2	
Tensile Strain at Break	100	%	ISO 527-1, -2	
Tensile Strain at Yield	7	%	ISO 527-1, -2	
Impact				
Charpy Impact Strength - Notched				
(23 °C, Type 1, Edgewise, Notch A)	65	kJ/m ²	ISO 179	
(0 °C)	30	kJ/m ²	ISO 179	
(-20 °C, Type 1, Edgewise, Notch A)	14	kJ/m ²	ISO 179	
(-30 °C)	10	kJ/m ²	ISO 179	
Thermal				
Vicat Softening Temperature, (A50)	130	°C	ISO 306	
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	80	°C	ISO 75B-1, -2	

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

Processing Techniques

Users should determine the conditions necessary to obtain optimum product properties and suitability of the product for the intended application.

In cases where higher temperatures are required, please contact your appropriate technical contact for support.

Company Information

For further information regarding the Velogy, please visit <http://www.velogy.com>

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