

Technical Data Sheet : AdvyForm E1530

Polypropylene, Impact Copolymer

Product Description

The polymer grade is a heterophasic copolymer used in injection molding. This grade is nucleated and characterized by a high flow combined with a medium stiffness-impact balance. Typically used by customers in housewares and opaque containers.

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	Housewares; Opaque Containers
Market	Consumer Products; Industrial, Building & Construction; Rigid Packaging
Processing Method	Injection Molding
Attribute	Good Impact Resistance; Good Stiffness; High Flow; Impact Copolymer; Nucleated
Internal reference number	1Q040, BEN8443
Revision	Version 1.1 : August 17, 2026

Properties.

Typical Properties	Nominal Value*	Units	Test Method
Physical			
Melt Flow Rate			
(230 °C/2.16 kg)	48	g/10 min	ISO 1133-1
Density	0.90	g/cm ³	ISO 1183-1
Mechanical			
Tensile Modulus	950	MPa	ISO 527-1, -2
Tensile Stress at Yield	19	MPa	ISO 527-1, -2
Tensile Strain at Break	>50	%	ISO 527-1, -2
Tensile Strain at Yield	5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength – Notched (Edgewise, Notch A)			
(23 °C)	10	kJ/m ²	ISO 179
(0 °C)	7	kJ/m ²	ISO 179
(-20 °C)	4	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (A50)	142	°C	ISO 306
Heat Deflecting Temperature B, (0.45 MPa, Unannealed)	78	°C	ISO 306

*)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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