

Technical Data Sheet : AdvyForm E1281

Polypropylene, Impact Copolymer

Product Description

The polymer grade is copolymer polypropylene. The grade features medium rigidity and medium impact. Typical customer applications are automotive interior trims. The grade is UV-Stabilized for interior applications. 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

Applications	Interior Automotive Applications
Market	Automotive
Attribute	Copolymer; Good Surface Finish; Good UV Resistance; High Flow
Internal ref. number	1Q022, BEN8722
Revision	Version 1.1 : June 2026

Properties.

Typical Properties	Nominal Value*	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ISO 1133-1
Density	0.9	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1100	MPa	ISO 178
Tensile Stress at Break	17	MPa	ISO 527-1, -2
Tensile Stress at Yield	24	MPa	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)	10	kJ/m ²	ISO 179
(0 °C, Type 1, Edgewise, Notch A)	5	kJ/m ²	ISO 179
(-20 °C, Type 1, Edgewise, Notch A)	4	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (A50)	148	°C	ISO 306
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	78	°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.



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Company Information

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