

Technical Data Sheet : KeyForm P0600

Polypropylene, Homopolymer

Product Description

The polymer grade is a homopolymer for extrusion and compounding applications. Exhibits easy processability and a good stiffness/impact balance at ambient temperature. It is typically used by customers in applications such as: thermoformed tubs, containers, medium draw trays and blister packs, flowerpots and small extrusion blow molded bottles.

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	Caps & Closures; Housewares; Opaque Containers
Market	Rigid Packaging
Processing Method	Compounding; Extrusion Blow Molding; Sheet and Profile Extrusion; Thermoforming
Attribute	Homopolymer; Low Flow; Medium Stiffness
Internal ref. number	1Q066, BEN8576
Revision	Version 1.1 : June 2026

Properties.

Typical Properties	Nominal Value*	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	2	g/10 min	ISO 1133-1
Density	0.90	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1450	MPa	ISO 527-1,-2
Tensile Stress at Yield	34	MPa	ISO 527-1,-2
Tensile Strain at Break	>50	%	ISO 527-1,-2
Tensile Strain at Yield	11	%	ISO 527-1,-2
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	8	J/m	ISO 179
Thermal			
Vicat Softening Temperature, (A/50)	150	°C	ISO 306
Heat Deflection Temperature B, (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.



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