

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)	2.1	g/10 min	ASTM D1238
Density	0.9	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	1450	MPa	ASTM D790
Tensile Strength at Yield	33	MPa	ASTM D638
Tensile Elongation at Break, (23 °C)	11	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	40	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load, (0.46 N/mm ²)	95	°C	ASTM D648

*)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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