

Technical Data Sheet : KeyForm E1540

Polypropylene, Impact Copolymer

Product Description

The polymer grade is a nucleated heterophasic copolymer with antistatic agent used injection molding applications. It combines a good impact/stiffness balance with a high fluidity. Typically used by customers in opaque containers, housewares, toys and in thin-walled containers for food packaging (e.g. margarine tubs, yoghurt pots, etc.).

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; Sports, Leisure & Toys
Market	Consumer Products; Rigid Packaging
Processing Method	Injection Molding
Attribute	Contains Antistatic; High Flow; Impact Copolymer; Nucleated
Internal reference number	1Q081, BEN8524
Revision	Version 1.1 : June 2026

Properties.

Typical Properties	Nominal Value	Units	
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	44	g/10 min	ASTM D1238
Density	0.9	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	1500	MPa	ASTM D790
Tensile Strength at Yield	27	MPa	ASTM D638
Tensile Elongation at Yield	4	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	46	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load, (0.46 N/mm ²)	116	°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.

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



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Company Information

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