SAFRIPOL
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Safripol (Pty) Ltd

Technical Data Sheet

Safron® (PolyPropylene)

Safron® C788-06NA

Natural Polypropylene Impact Copolymer

Safron® C788-06NA Polypropylene Resin is a nucleated impact copolymer with high impact strength and stiffness, suitable for general purpose injection moulding applications where excellent toughness and stiffness is required.

Safron® C788-06NA Polypropylene Resin contains an antistatic additive and is nucleated for faster cycle times and improved dimensional stability.

Typical Applications

- Buckets and pails
- Housewares
- Appliances

PROPERTIES (1)	VALUE	UNIT	TEST METHOD
Physical			
Melt Flow Rate, 230 °C/ 2.16 kg	6.0	g/10min	ISO 1133
Density	0.9	g/cm3	ISO 1183
Mechanical (2)			
Tensile Strength at Yield	26	MPA	ISO 527
Elongation at Yield	8.0	%	ISO 527
Flexural Modulus	1300	MPA	ISO 178
Impact (2)			
Charpy Notched Impact Strength (23 °C)	13.0	kJ/m2	ISO 179

(1) Typical values; not to be construed as specification limits.
(2) Injection Moulded specimens

Typical Processing Conditions	Injection Moulding
Zone 1 (°C)	190
Zone 2 (°C)	220 - 240
Zone 3 (°C)	240 - 250
Zone 4 (°C)	250 - 260
Nozzle (°C)	250

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Product Stewardship	At Safripol, protecting people and the environment will be a part of everything we do and every decision we make. Each employee has a primary responsibility in ensuring that our products and operations meet applicable government standards. Our goal is to eliminate all injuries, prevent adverse environment and health impacts, reduce wastes and emissions and promote resource conservation at every stage of the life cycle of our products. The success of this rests with each and every individual involved with Safripol products throughout the life cycle.
Food Contact Compliance	Safron® C788-06NA Polypropylene Resin should comply with Commission Regulation (EU) No 10/2011 and with U.S. FDA 21 CFR 177.1520(c)3.2a food contact regulations when used unmodified and processed according to good manufacturing practices for food contact applications. The purchaser remains responsible for determining whether the use complies with all relevant regulations.
Customer Notice	Safripol strongly encourages its customers to review both their manufacturing processes and their applications of Safripol products from the standpoint of human health and environmental quality to ensure that Safripol products are not used in ways for which they are not intended or tested. Safripol personnel are available to answer your questions and to provide reasonable technical support. Safripol product literature, including safety data sheets, should be consulted prior to use of Safripol products. Current safety data sheets are available from Safripol.
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Additional Information	
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