

2300NC

Polypropylene (PP)

Description:

2300NC is a Polypropylene Block Copolymer resin for injection molding process with medium flow, good impact resistance characteristic. It is suitable for any applications that need high impact strength such as auto parts, electrical parts, toy and containers. It also meets the F.D.A. requirement in the code of federal regulations in 21 CFR 177.1520 for food contact.

Physical Properties:	Method	Unit	Value
Melt Flow Index (2.16 kg/230°C)	ASTM D1238	g/10min.	10
Tensile Strength at Yield	ASTM D638	N/mm ²	28
Elongation at Yield	ASTM D638	%	20
Charpy Notched Impact Strength (at -20°C)	DIN 53453	mJ/mm2	5.8
Flexural Modulus (1% SECANT)	ASTM D790	MPa	1300
Rockwell Hardness	ASTM D785	R-Scale	98
Heat Distortion Temperature (Load 0.45 N/mm ²)	ASTM D 648	٥C	98

Processing Technique

Processing Temperature : 190 – 240 °C

However, the actual processing conditions depend on mold design, power of machine, equipment and other environments.

Remark: The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitable of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.

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บริษัท ไออาร์พีซี จำกัด (มหาชน)

IRPC

555/2 กูนย์เอนเนอร์ยี่คอมเพล็กซ์ อาคาร บี เชั้น 6 ถนนวิกาวดีรับสิต แขวงจตุจักร เขตจตุจักร กรุงเทพฯ 10900 โกร. +66(0) 2649-7000,66(0)2649-7777 แพ็กซ์: +66(0)2649-7002 IRPC Public Company Limited 555/2 Energy Complex Building B, 6th Floor, Vibhavadi Rangsit Road, Chatuchak, Bangkok 10900 THAILAND. TEL: +66(0)2649-7700,66(0)2649-7777 FAX: +66(0)2649-7002 www.irpc.co.th, www.irpcmarket.com