

## 1196NN

## Polypropylene Flame Retardant

## **Description:**

1196NN is a PP Homopolymer with Flame-retardant additive for injection molding process, features medium melt flow, high flexural modulus and high heat resistance. It is suitable for electrical appliances.

Physical Properties:	Method	Unit	Value
Melt Flow Index (2.16 kg/230°C)	ASTM D1238	g/10min.	13.5
Density	ASTM D792	g/cm³	1.03
Izod Notched Impact ( 23ºC)	ASTM D256	Kg-cm/cm <sup>2</sup>	4.5
Tensile Strength at Yield (23°C)	ASTM D638	kg/cm <sup>2</sup>	310
Elongation at Break (23°C)	ASTM D638	%	21
Flexural Strength at Yield (23°C)	ASTM D790	kg/cm <sup>2</sup>	420
Flexural Modulus (23ºC)	ASTM D790	×10 <sup>4</sup> kg/cm <sup>2</sup>	2.2
Rockwell Hardness ( 23ºC)	ASTM D785	R-Scale	101
Heat Distortion Temperature (4.6 kg/cm <sup>2</sup> )	ASTM D648	٥C	130
Flammability	UL-94	-	V2(1.5)
Processing Technique			

Drying Temperature:	80-85°C, 2-3 hrs	
Processing Temperature:	190-240°C	

\*\*However, the actual processing conditions depend on mold design, power of machine, screw configurations 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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Product Data sheet

**้เกคว** บริษัท ไออาร์พีซี จำกัด (มหาชน)

555/2 ศูนย์เอนเนอร์ยี่คอมเพล็กซ์ อาคาร บี เร็น 6 ถนนวิกาวดีรับสิต แขวงวิตุจักร เขตจตุจักร กรุงเทพฯ 10900 โกร. +66(0)2649-7000,66(0)2649-7777 แฟ็กซ์: +66(0)2649-7002 **IRPC Public Company Limited** 555/2 Energy Complex Building B, 6<sup>th</sup> 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