

Provisional Technical Datasheet

# MI08N



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## Polypropylene Impact Co Polymer

## Injection Molding

### Product Description:

PP Block Co polymer MI08N is a heterophasic natural colored & nucleated grade produced with the latest Ineos Gas Phase polymerization Technology exhibiting following features:

- ✓ Faster Molding Cycle
- ✓ Good Impact – Stiffness balance
- ✓ Anti-static properties

PP Block Co Polymer MI08N is recommended for

Injection molding applications such as:

- ✓ Crates
- ✓ Returnable transport packaging
- ✓ Paint Pails & Lube pails
- ✓ Luggage & Furniture

### Typical Properties:

Sr. No.	Particulars	Specification	Units	Values*
<b>Physical Properties</b>				
1	Melt Flow Index ( 230°C & 2.16 kg)	ASTM D 1238	g / 10 min	8
2	Density (23 °C)	ASTM D 1505	Gm/cm <sup>3</sup>	0.90
<b>Mechanical Properties</b>				
3	Tensile Strength @ Yield (50mm / min)	ASTM D 638	MPa	26
4	Elongation @ Break (50mm / min)	ASTM D 638	%	200
5	Flexural Modulus (1.3 mm/min)	ASTM D790A	MPa	1200
6	Notch Izod Impact Strength ( @ 23°C)	ASTM D 256	J/m	120
7	Hardness (Rockwell)	ASTM D 785	R Scale	80
<b>Thermal Properties</b>				
8	Heat Deflection Temperature (0.46N/m2)	ASTM D648	°C	90
* Mechanical Properties tested on Injection molded specimen prepared in accordance with ASTM D 4101 and conditioned as per ASTM D 618				
* Typical Values and not to be taken as specifications, values may change without any prior notice.				

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**Recommended Processing Temperature: 180 – 220 °C**

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