

Provisional Technical Datasheet

EI01N



Polypropylene Impact Co Polymer

Extrusion Products

To enquire, Visit: www.jitsy.in

Product Description:

PP Block Co polymer EI01N is a heterophasic natural colored & nucleated grade produced with the latest Ineos Gas Phase polymerization

Technology exhibiting following features:

- ✓ Higher melt strength
- ✓ Higher Impact strength

PP Block Co Polymer EI01N is recommended for extrusion applications such as:

- ✓ Corrugated / Twin-wall sheets
- ✓ Corrugated pipes & fittings
- ✓ Thermoforming
- ✓ Blow molded containers

Typical Properties:

Sr. No.	Property	ASTM	Units	Values*
Physical Properties				
1	Melt Flow Index (230°C & 2.16 kg)	ASTM D1238	g / 10 min	1.5
2	Density (23°C)	ASTM D 1505	Gm/cm ³	0.90
Mechanical Properties				
3	Tensile Strength @ Yield (50mm / min)	ASTM D 638	MPa	27
4	Elongation @ Break (50mm / min)	ASTM D 638	%	70
5	Flexural Modulus (1.3 mm/min)	ASTM D790A	MPa	1100
6	Notch Izod Impact Strength (@ 23°C)	ASTM D 256	J/m	150
7	Hardness (Rockwell)	ASTM D 785	R Scale	75
Thermal Properties				
8	Heat Deflection Temperature (0.46N/m2)	ASTM D648	°C	90
^ Mechanical Properties tested on Injection molded specimen prepared in accordance with ASTM D4101 and conditioned as per ASTM D 618 * Typical Values and not to be taken as specifications, values may change without any prior notice.				

Recommended Processing Temperature: 180 – 230 °C

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