

## Provisional Technical Datasheet

# EROOV



### Polypropylene Random Co Polymer

### Extruded Pipes & Sheets

PP Random Co Polymer EROOV is recommended for

**Product Description:**

PP Random Co polymer EROOV is a natural colored high performance grade produced with the latest Ineos Gas Phase polymerization Technology exhibiting following features:

- Good Processability
- Good balance of stiffness & Impact strength
- Long Term Heat Stabilization

Extrusion process to produce:

- ✓ Extruded Pipes
- ✓ Extruded sheets & profiles
- ✓ Thermoforming sheets

**Typical Properties:**

Sr. No.	Test Method	Units	Values*	
<b>Physical Properties</b>				
1	Melt Flow Index ( 230°C & 2.16 kg)	g / 10 min	0.30	
2	Density (23 °C)	Gm/cm <sup>3</sup>	0.90	
<b>Mechanical Properties</b>				
3	Tensile Strength @ Yield (50mm / min)	ASTM D 638	MPa	30
4	Elongation @ Yield (50mm / min)	ASTM D 638	%	14
5	Elongation @ Break (50mm / min)	ASTM D 638	%	150
6	Flexural Modulus (1.3 mm/min)	ASTM D790A	MPa	1100
7	Notch Izod Impact Strength ( @ 23°C)	ASTM D 256	J/m	100
8	Hardness (Rockwell)	ASTM D 785	R Scale	90
<b>Thermal Properties</b>				
9	Heat Deflection Temperature (0.46N/m <sup>2</sup> )	ASTM D648	°C	95

\* 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.

**Recommended Processing Temperature: 180 – 230 °C**

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