



PP 440G

PP Impact Copolymer · Sheet & Thermoforming Grade

Also traded as EP440G · Origin: Iran

MFR (230 °C / 2.16 KG)

1.3 g/10 min

DENSITY

0.90 g/cm³

PROCESS

Sheet Extrusion

IZOD (23 °C)

500 J/m

PRODUCT DESCRIPTION

PP 440G is a nucleated heterophasic copolymer developed for extrusion. Compared with standard copolymers of the same fluidity it gives higher stiffness, superior impact at room and sub-zero temperatures, very high dimensional stability and excellent creep resistance for thermoforming, corrugated board and blow moulding.

- High stiffness
- High impact, also when cold
- Excellent creep resistance
- Antistatic

PROCESSING GUIDE

Process	Sheet extrusion
Melt temperature	200 – 240 °C
Also for	Extrusion blow moulding
Form	Natural pellets

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
PHYSICAL			
Melt Flow Rate (230 °C / 2.16 kg)	ASTM D1238	g/10 min	1.3
Density	ASTM D1505	g/cm ³	0.90
MECHANICAL			
Flexural Modulus	ASTM D790	MPa	1150
Tensile Strength at Yield	ASTM D638	MPa	23
Tensile Elongation at Yield	ASTM D638	%	5
Izod Impact, notched (23 °C)	ASTM D256	J/m	500
Izod Impact, notched (–20 °C)	ASTM D256	J/m	70
THERMAL			
Vicat Softening Point (B/120)	ASTM D1525	°C	145
HDT (0.45 MPa)	ASTM D648	°C	87
Oven Ageing in Air (150 °C)	ASTM D3012	h	360

APPLICATIONS



Thermoformed Sheet



Corrugated Board



Profiles & Panels



Blow-Moulded Containers

PACKAGING

25 kg PE / woven bags
Palletised or jumbo on request
20' / 40' container loading

SUPPLY

Delivery ex-factory or at border
100% pre-shipment inspection
Full export documentation



Get Today's Price

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◆ DIRECT SUPPLY FROM IRAN

◆ PREMIUM GRADES

◆ COMPETITIVE PRICES

◆ WORLDWIDE EXPORT

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