



PC 0407

Polycarbonate · Extrusion & Sheet Grade

Also traded as PC Sheet Grade · Origin: Iran

MFR (300 °C / 1.2 KG)

4 - 7 g/10 min

DENSITY

1.20 g/cm³

PROCESS

Sheet Extrusion

TRANSMITTANCE

≥ 90 %

PRODUCT DESCRIPTION

PC 0407 is a low-melt-flow, high-viscosity polycarbonate for extrusion of solid and multi-wall sheet, with UV stabilisation and mould-release additives. It delivers high light transmittance, outstanding impact strength and long-term outdoor performance.

- High melt strength
- UV stabilised for outdoor
- ≥ 90% light transmittance
- Outstanding impact strength

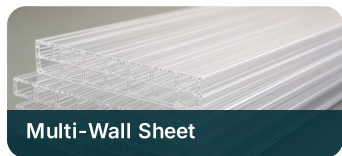
PROCESSING GUIDE

Process	Solid & multi-wall sheet
Melt temperature	260 – 300 °C
Pre-drying	120 °C, 4 h
Form	Clear pellets

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
PHYSICAL			
Melt Flow Rate (300 °C / 1.2 kg)	ASTM D1238	g/10 min	4 – 7
Density (25 °C)	ASTM D792	g/cm ³	1.20
MECHANICAL			
Tensile Strength at Yield	ASTM D638	MPa	62
Modulus of Elasticity	ASTM D638	MPa	2350
Elongation at Break	ASTM D638	%	≥ 100
Izod Impact Strength, notched	ASTM D256	kJ/m ²	≥ 80
THERMAL			
Vicat Softening Temp. (50 N, 50 °C/h)	ASTM D1525	°C	142 – 146
OPTICAL			
Light Transmittance (2 mm)	ASTM D1003	%	≥ 90
ELECTRICAL			
Dielectric Strength (50 Hz)	ASTM D149	kV/mm	≥ 18

APPLICATIONS



Multi-Wall Sheet



Solid Sheet & Glazing



Skylights & Roofing



Signage & Barriers

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

Scan to request a quote for PC 0407 on WhatsApp.

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◆ DIRECT SUPPLY FROM IRAN

◆ PREMIUM GRADES

◆ COMPETITIVE PRICES

◆ WORLDWIDE EXPORT

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