



ISO 9001:2008
Certificate No.: CH98/8032

ISO 14001:2004
Certificate No.: CH03/0112

OHSAS 18001:1999
Certificate No.: CH05/0675

Address:

No. 3, Taban St. ,
Valie - e - Asr St.,
Tehran - Iran

Tel:

(+98 21)82122700

Fax:

(+98 21)8867 4126-27

Web-site:

www.arpc-ir.net

E-mail:

Sales@arpc-ir.net

High Density Polyethylene HD6070EA (Injection Moulding)

بازرگانی کوثر
Kosar Trading
+9821 - 43462000
info@kosar.co
www.kosar.co

Typical properties	Test method (ASTM)	Unit	Value
MFI@190°C, 2.16 kg	D1238	gr/10min	7
Density	D1505	gr/cm ³	0.960
Tensile Strength @Yield	D638	Mpa	32
Tensile Modulus	D638	Mpa	-
Elongation @Break	D638	%	1000
Flexural Modulus	D790	Mpa	1250
Hardness	D2240	Shore D	68
Charpy Impact Resistance (Notched)	D256	Kj/m ²	6

> Values shown are averages & are not to be considered as product specifications.

❖ Main application & Characteristics:

HD6070EA is a high density polyethylene grade with a narrow molecular weight distribution, suitable for a wide range of injection moulding applications.

◆ Characteristics:

- Easy processing.
- High rigidity.
- Good impact strength
- High warpage resistance.

◆ Typical applications:

- Caps & closures.
- Crates.
- Boxes.
- Seats.
- Pallets.
- Structural foam.
- Silicon cartridges.

* HD6070EA is not suitable for organoleptic applications.