

Producer: Sidi Kerir Petrochemicals co. (SIDPEC) / Egypt

HD 6070 UA

Description:

HD 6070 UA is a high density polyethylene grade with a narrow molecular weight distribution suitable for a wide range of injection molding applications.

Typical characteristics are:

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

Applications:

- Large dustbins and pails.
- Pallet boxes.
- Fish Crates.
- Technical molding.

PROPERTIES	METHOD	UNIT	VALUE
Resin Properties			
Melt Index (MFI), 190° - 2,16 Kgs	ISO 1133	g/10min	7.5
Density @ 23° C	ISO 1872/1	g/cm ³	0.960
Vicat Softening T°	ISO R 306-74	C°	127
Tensile strength at yield	BP 13B/1	Mpa	31
Elongation at break	BP 13B/1	%	>1000
Flexural modulus	ISO 178	Mpa	1400
ESCR, F50, 23 C°	ASTMD 1693	Hrs	55
Charpy impact resistance	ASTMD 256	Kj/M ²	6