

# HC7260 (I3)

High Density Polyethylene for Injection Moulding

## General Description

HC7260 is a high density polyethylene with propylene and 1-butene as comonomers. The product has good impact strength, good stress cracking resistance, low warping, good flow ability and high density, hardness and stiffness.

## Typical Applications

- Injection moulding
- Closures
- Transport & stacking crates
- Engineering parts

Product type: Homopolymer

Catalyst: THE/K1

## Product Specification

PHYSICAL/MECHANICAL PROPERTIES	VALUE*	UNIT	TEST METHOD
Density	0.957±0.002	g/cm <sup>3</sup>	ISO 1183
FRR (5/2.16)	2.9±0.5		
MFR (190 °C/2.16 Kg)	8±2	g/10 min	ISO 1133
MFR (190 °C/5 Kg)	23±3	g/10 min	ISO 1133
Notched impact (23 °C)	≥4	MJ/mm <sup>2</sup>	ISO 179/1eA

\* Typical values; not to be considered as product specification.

### Note:

Test specimens were taken from compression moulded sheet at 23°C.

FRR values are statistical and calculated by dividing MFR values.

Notch impact test specimen was taken from compressed moulded sheet at 23°C and the data quoted here are average values.

Process condition: Recommended injection molding temperature: 200-280 °C.