

High Density Polyethylene HD5740UA (Injection Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFI@190°C, 2.16 kg	D1238	gr/10min	4
Density	D1505	gr/cm ³	0.957
Tensile Strength@Yield	D638	Mpa	27
Tensile Modulus	D638	Mpa	-
Elongation@Break	D638	%	1000
Flexural Modulus	D790	Mpa	1100
Hardness Shore D	D2240	-	66
Charpy Impact Resistance (Notch)	D256	Kj/m ²	10

^{3/4} Values shown are averages & are not to be considered as product specifications.

Main application & Characteristics

HD5740UA is an ultra-violet light stabilised high density polyethylene copolymer grade with a narrow molecular weight distribution, specially developed for injection moulding of heavy duty articles.

Š Characteristics

- High rigidity.
- High impact resistance, especially at low temperatures.
- Good weathering resistance.

Š Typical applications are:

- Large dustbins & pails.
- Pallet boxes.
- Fish crates.

- Technical parts.

* HD5740UA is suitable for food contact.

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