

## Technical Datasheet I3UV

### 1) Product Description:

“I3UV (HC 7260)” is a high Density polyethylene with Propylene as comonomer. The product has good impact strength, good stress cracking resistance (ESCR), low warping and good flow ability as well as high density, hardness and stiffness Stabilization: Ca-Stearate, Irganox1010, UV stabilizer.

### 2) Applications:

- Transport and stacking crates.
- Particularly bottle crates.
- Engineering parts.
- Closures

### 3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Rate (MFR) (190°C/2.16kg) (190°C/5kg)	ISO 1133	g/10min	8 23
Density	ISO 1183	g/cm <sup>3</sup>	0957
Tensile Strength at yield	ISO 527	MPa	29
Tensile Strength at break	ISO 527	MPa	30
Elongation at break	ISO 527	%	>1000
Hardness Shore D	ISO 868	--	64
ESCR (FNCT) at 2.5 MPa	ISO CD 16770	h	1.5
Charpy Notch Impact Strength	ISO 179	Kj/m <sup>2</sup>	3
Vicat Softening Temperature	ISO 306	°C	72
Melting Point	ISO 3146	°C	138

\* Typical values not to be construed as specifications.