



## Technical Datasheet: HDPE 60505

### Product Description:

60505 is a HDPE injection molding grade which combines high stiffness with good physical properties. This resin is well suited for crates and toys applications.

### Applications:

- Crates
- Injection molding items

### Typical data:

Property	Test method	Unit	value
Density	ASTM D 1505	g/ml	0.957
MFR (190°C/2.16 kg)	ASTM D 1238	g/10min	5.5
Tensile strength at yield	ASTM D 638	MPa	30
Tensile strength at break	ASTM D 638	MPa	16
Ultimate elongation	ASTM D 638	%	200
Flexural modulus	ASTM D 790	MPa	1480
Notched Izod impact at 23°C	ASTM D 256/A	J/m	46
Vicat softening point	ASTM D 1525	°C	127
H.D.T	ASTM D 648	°C	78