



## HDPE for Injection Molding HD-60507

### Product Description

60507 is a HDPE homopolymer for injection molding grade which combines good flowability with balanced physical properties. This resin is well suited for general purpose application requiring high stiffness.

### Producer

Jam Petrochemical Company

Resin Properties	Value	Units	Test Method
Melt Index	7.5	g/10 min	D1238
Density	0.958	g/cm <sup>3</sup>	D1505
<b>Thermal Properties</b>			
Vicat Softening Point	127	°C	D1525
<b>Molded Properties</b>			
Tensile Strength at Yield	30	Mpa	D638
Tensile Strength at Break	13	Mpa	D638
Ultimate Elongation	350	%	D638
Flectural Modulus	1500	Mpa	D790
Notched Izod Impact @ 23 °C	36	J/m	D256/A

- On compression molded according to ASTM D 1928 C

### Processing Conditions

Recommended barrel temperatures rang between 190 °C and 280 °C

### Storage and Handling

Polyethylene products (in pelletized or powder form) should not be stored in direct sunshine and/or heat radiation. The Storage area should be dry and preferably don't exceed 50 °C. JPC would not responsible about quality diminishing such as color change, bad smell or est. which caused by bad storage conditions. It is better to process PE resin within 6 months after delivery.