

High Density Polyethylene 60507 (UV)

Description:

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

Properties	Test Method	Unit	Value
Density	D1505	g/cm ³	0.958
Melt Flow Rate	D1238	g/10min	7.5
Vicat Softening Point	D1525	°C	127
Tensile Strength at Yield	D638	Mpa	30
Tensile Strength at Break	D638	Mpa	13
Ultimate Elongation	D638	%	350
Flectural Modulus	D790	Mpa	1500
Notched Izod Impact at 23°C	D256/A	J/m	36

Features:

Good flowability with balanced physical properties.

Applications:

Crates

Injection molding grade

Additives:

Thermal Antioxidant

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UV Stabilizer

Producer: Jam Petrochemical Company



The above values were calculated from data for 100 µm produced on a 75mm Barrnage extruder with 190°C melt temperature using a 2:1 blow ratio and a gap die of 3.0 mm.