

# Jam HD-60507/UV

High Density Polyethylene  
Jam Petrochemical Company

Message:

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.

- Features
- Good flowability with balanced physical properties.
- Applications
- Crates
- Injection molding grade

General Information			
Additive	Antioxidation		
	UV stabilizer		
Features	UV Stabilized		
	Rigidity, high		
	Homopolymer		
	Antioxidation		
	Good liquidity		
Uses	General		
	Loading box		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.958	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	30.0	MPa	ASTM D638
Fracture	13.0	MPa	ASTM D638
Tensile Elongation (Break)	350	%	ASTM D638
Flexural Modulus	1500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	36	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	127	°C	ASTM D1525

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