

# PrimaFlex® HD 6107

High Density Polyethylene

Plastic Solutions, Inc.

## Message:

Description: HD 6107 is a homopolymer with outstanding stiffness with a good balance of processability and cold weather impact performance.

General Information	
Features	Good Processability
	Good Toughness
	High Impact Resistance
	High Stiffness
	Homopolymer
	Low Temperature Impact Resistance
Uses	Containers
	Crates
	Packaging
	Pails

Physical	Nominal Value	Unit	Test Method
Density	0.961	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (100% Igepal, F50)	< 10.0	hr	ASTM D1693A
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.3	MPa	ASTM D638
Flexural Modulus	1240	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -118	°C	ASTM D746

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