

# G-Lene I60U080

High Density Polyethylene

Gas Authority of India Limited

## Message:

160U080 is UV stabilized and has excellent processability with optimum balance of mechanical properties and low degree of warpage. It is widely used in Soft Drink Crates, Vegetable Crates, Milk Crates etc.

General Information			
Additive	UV Stabilizer		
Features	High Gloss		
	High Impact Resistance		
	High Stiffness		
	Low Warpage		
Uses	Crates		
	Luggage		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (10% Igepal, F50)	< 48.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus	804	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	88	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	126	°C	ASTM D1525

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